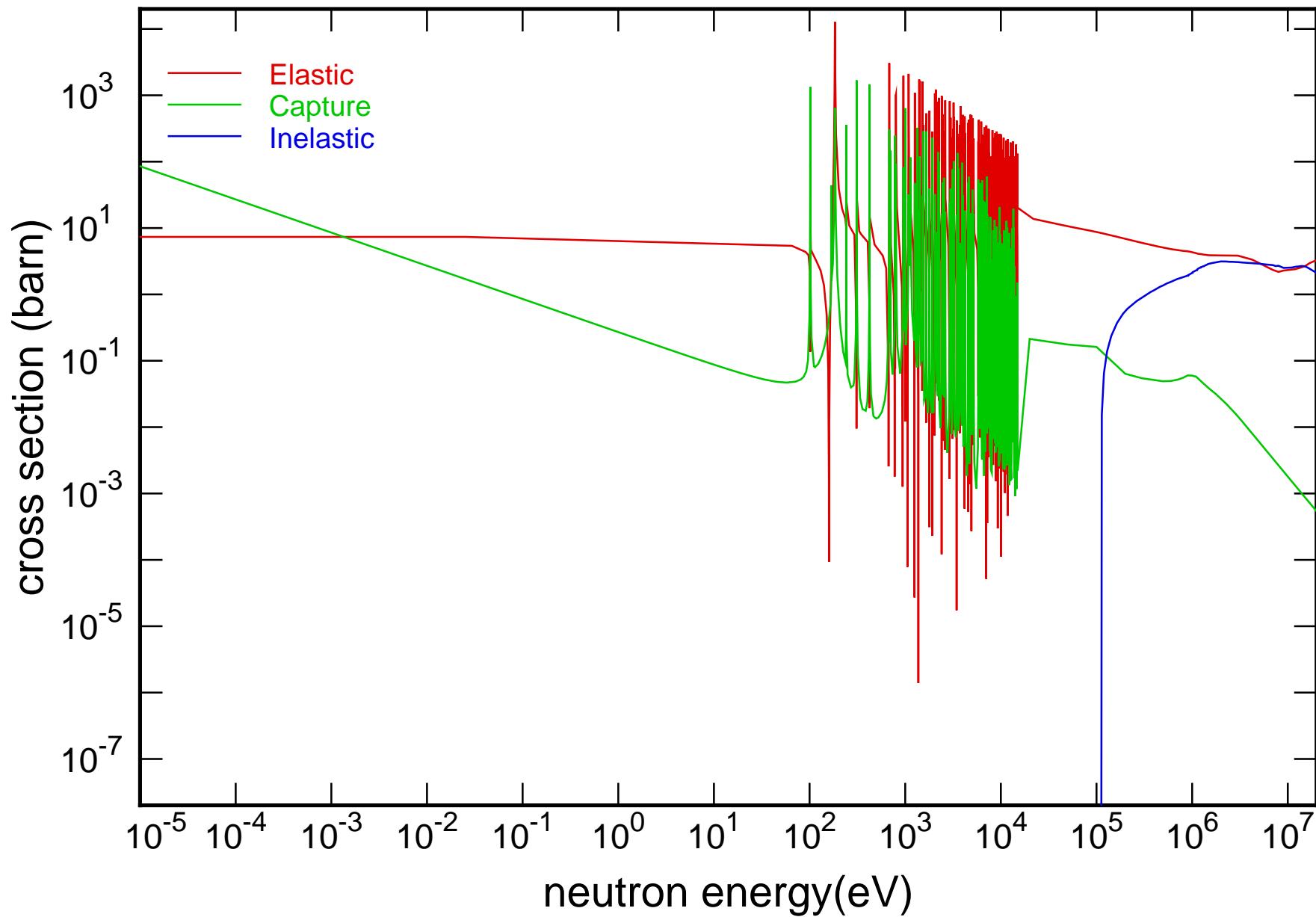
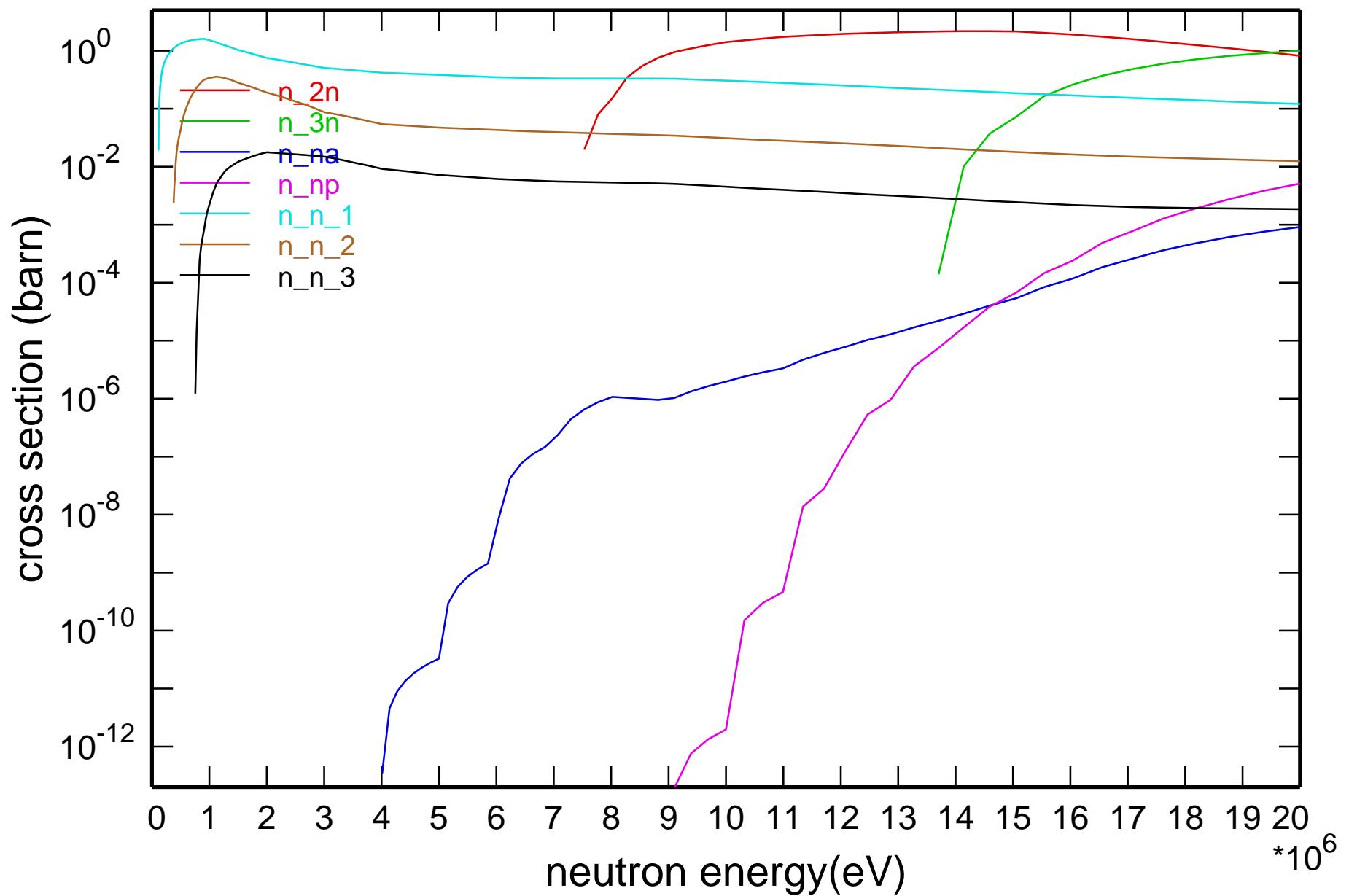


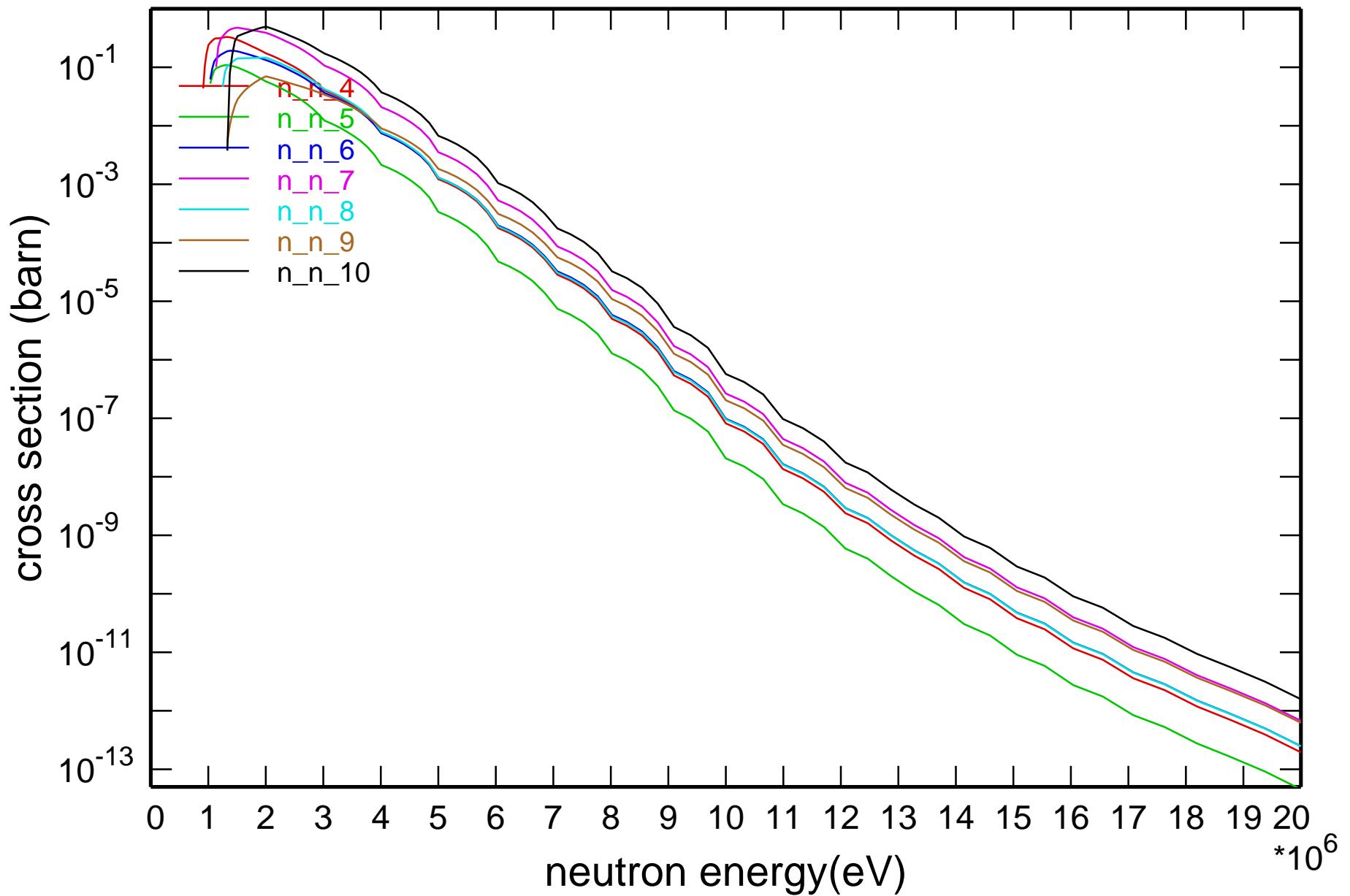
## Main Cross Sections



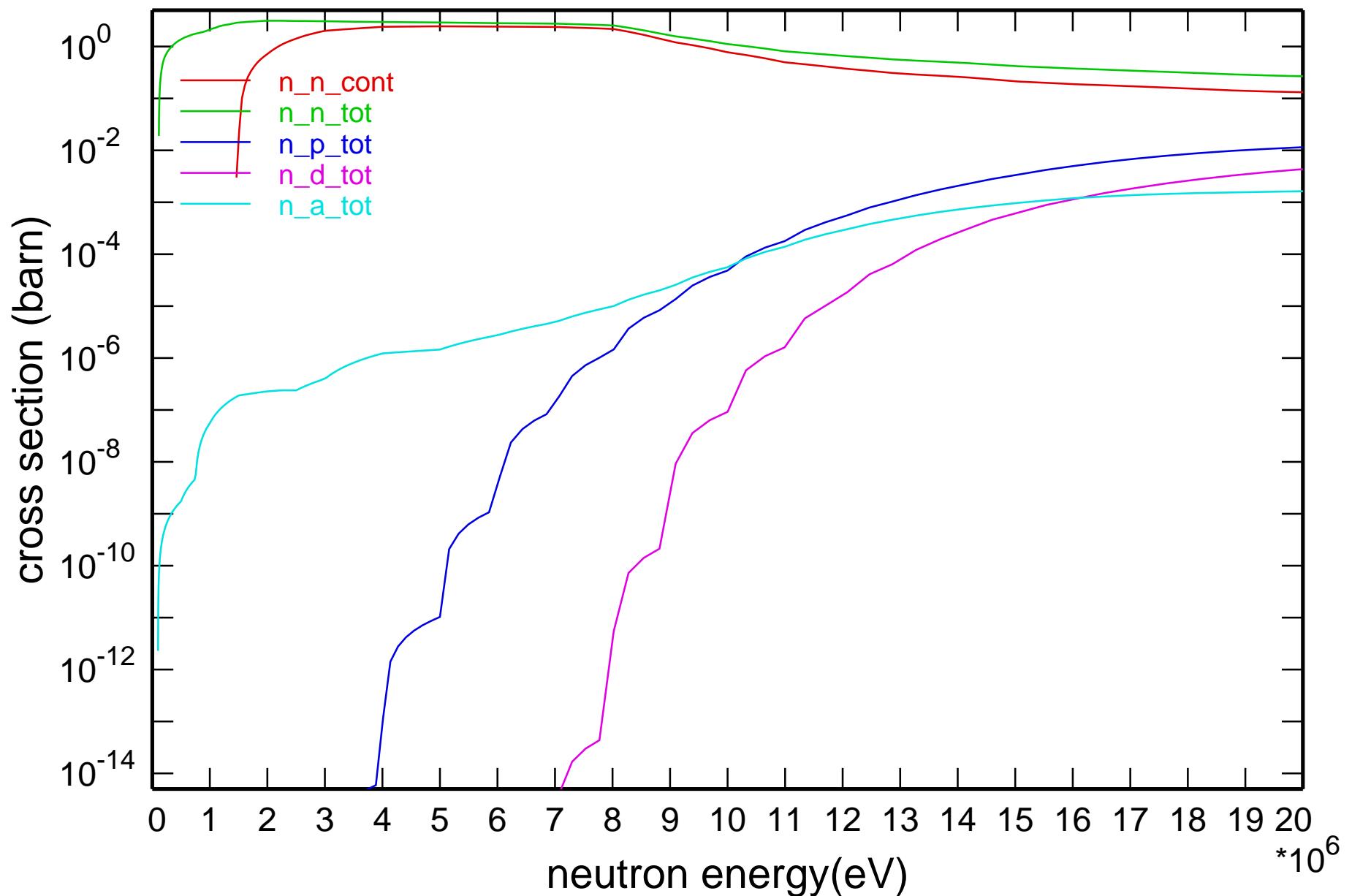
# Cross Section

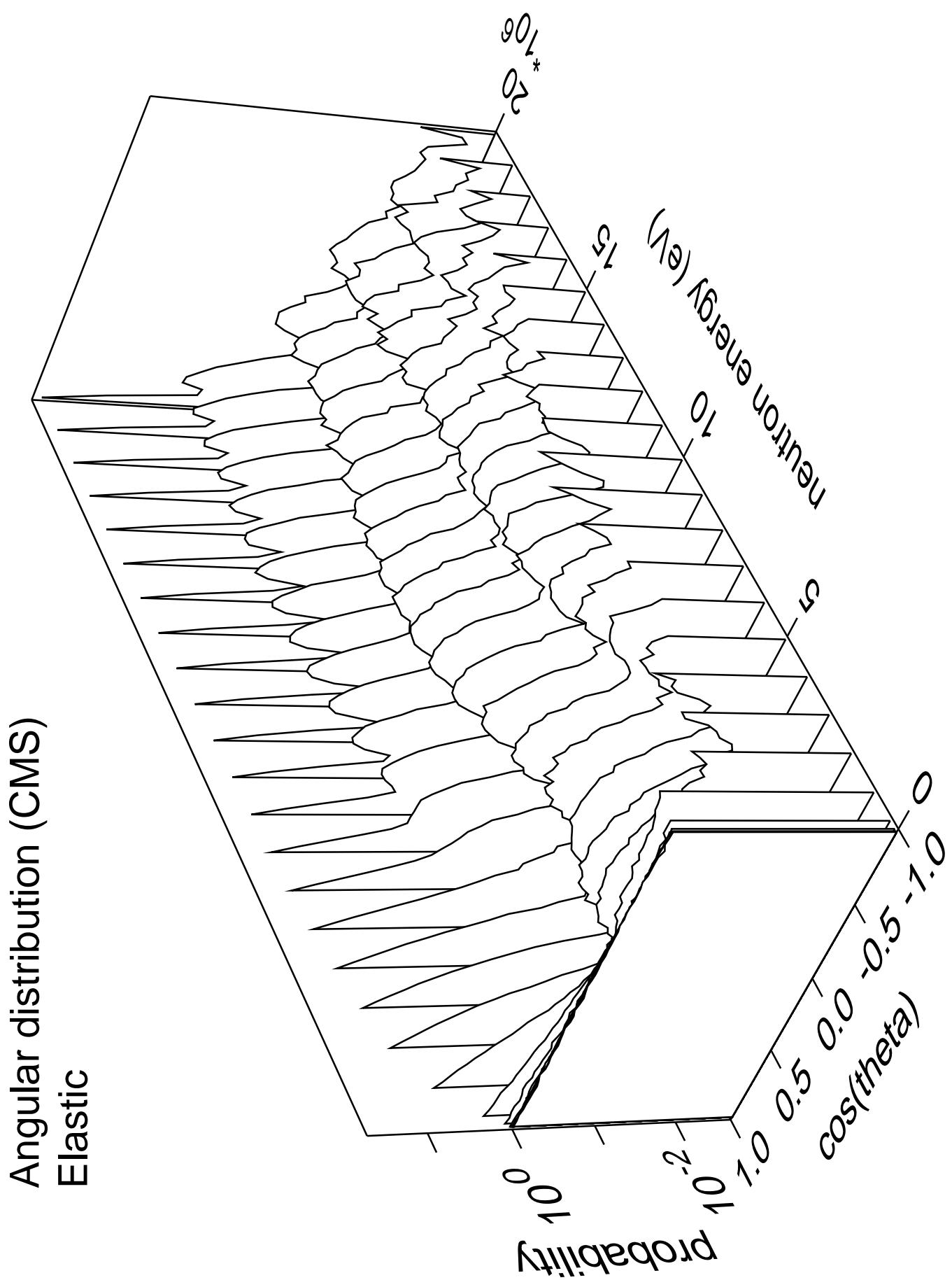


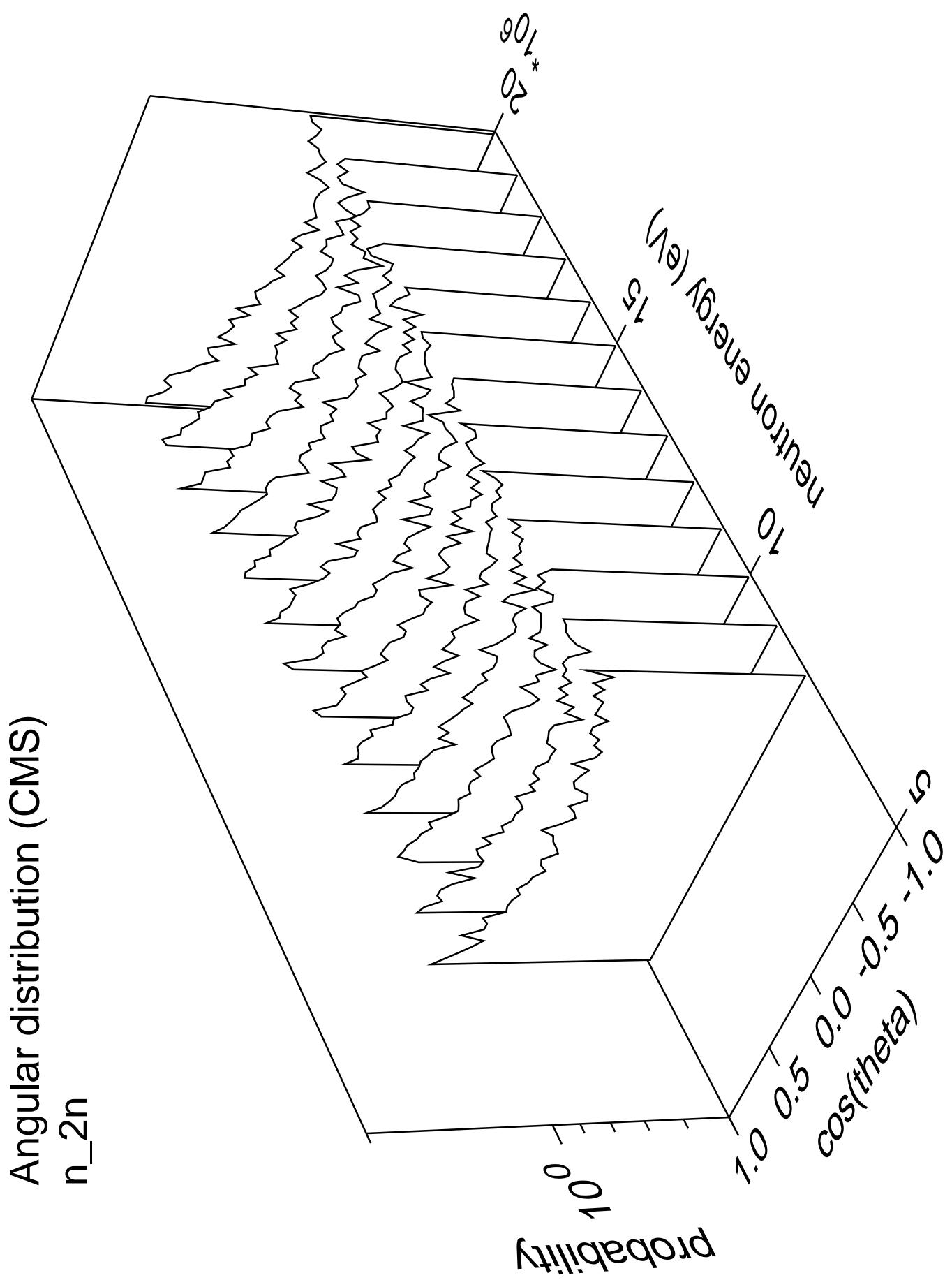
# Cross Section

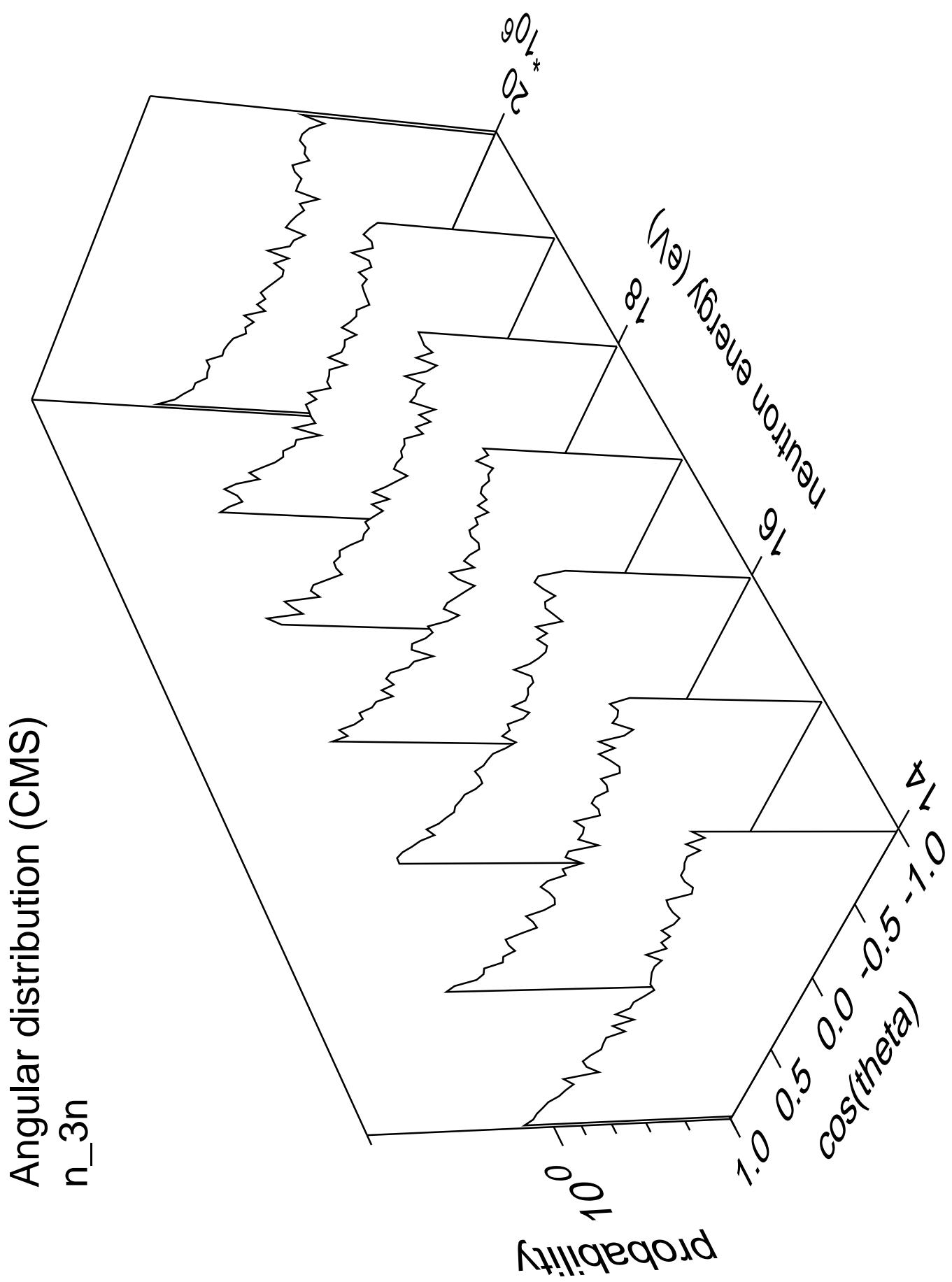


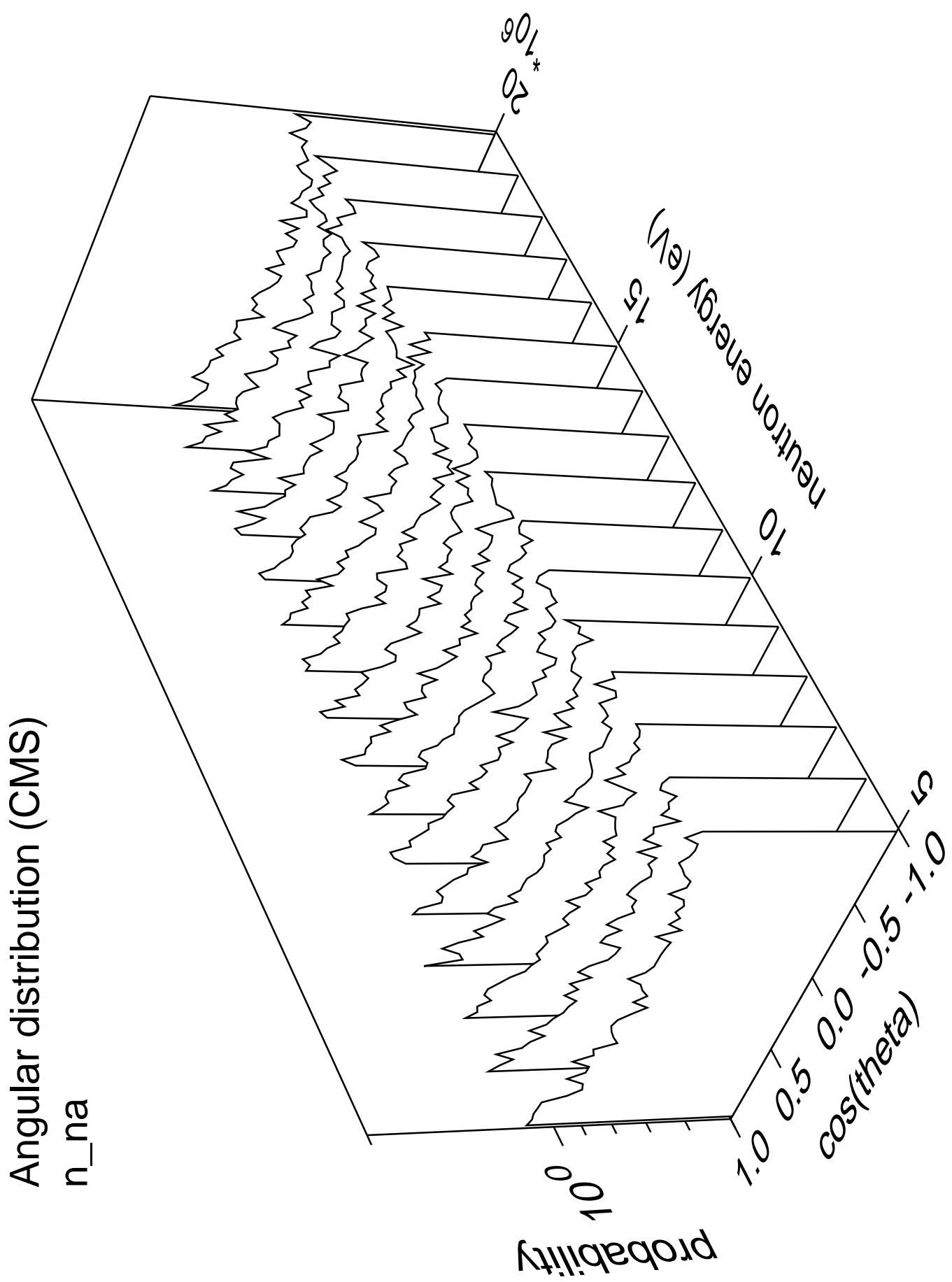
# Cross Section

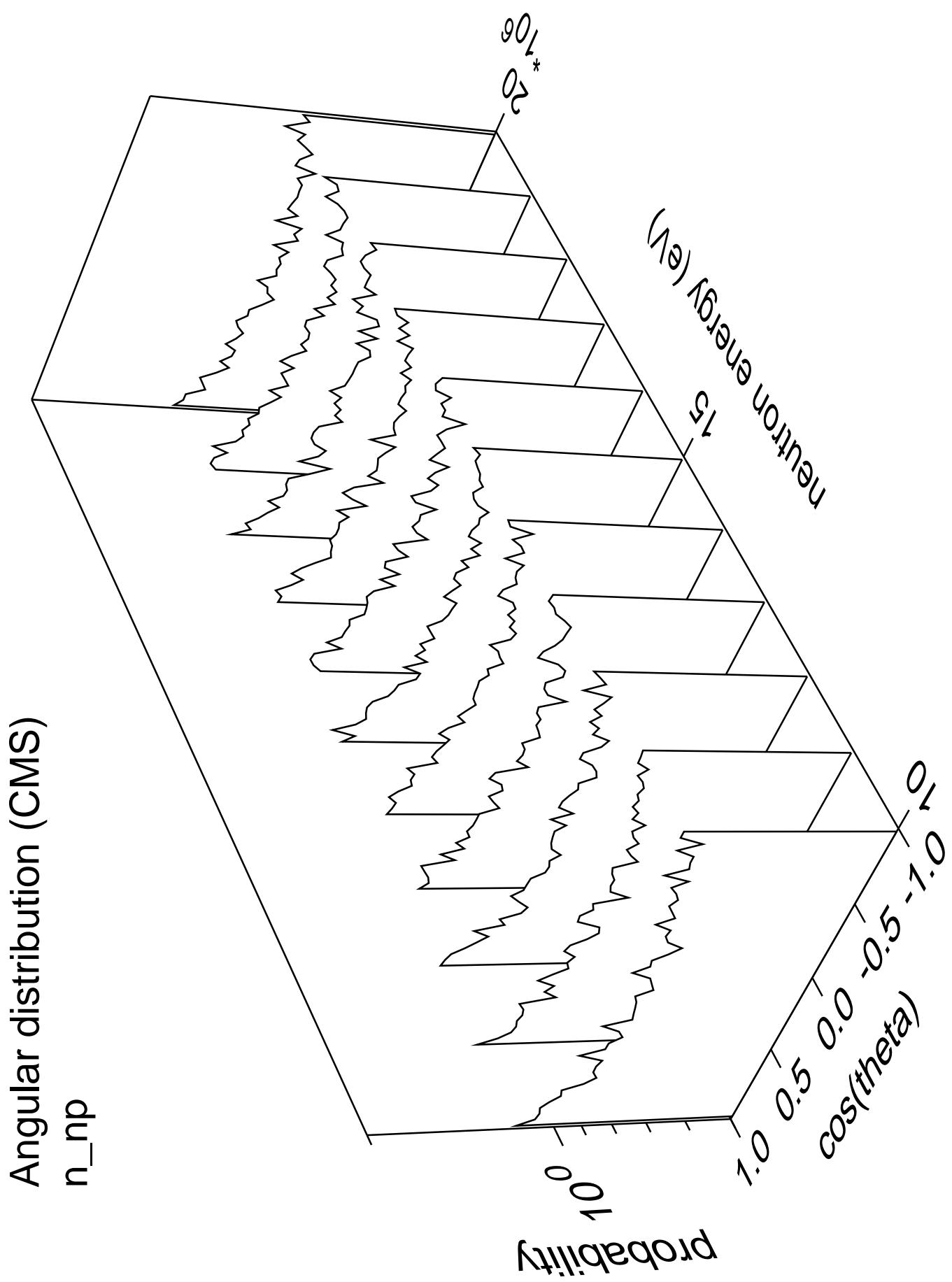


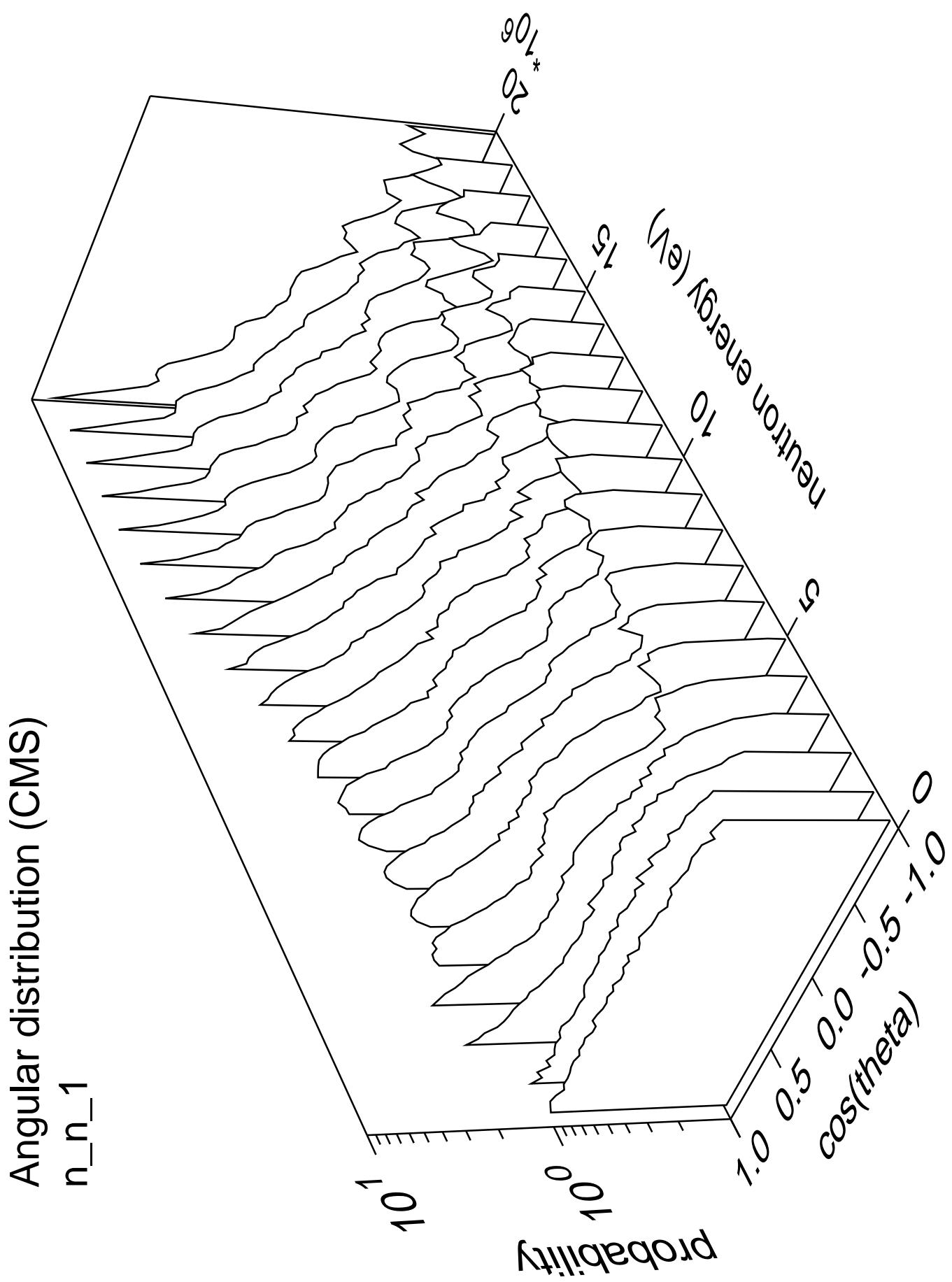


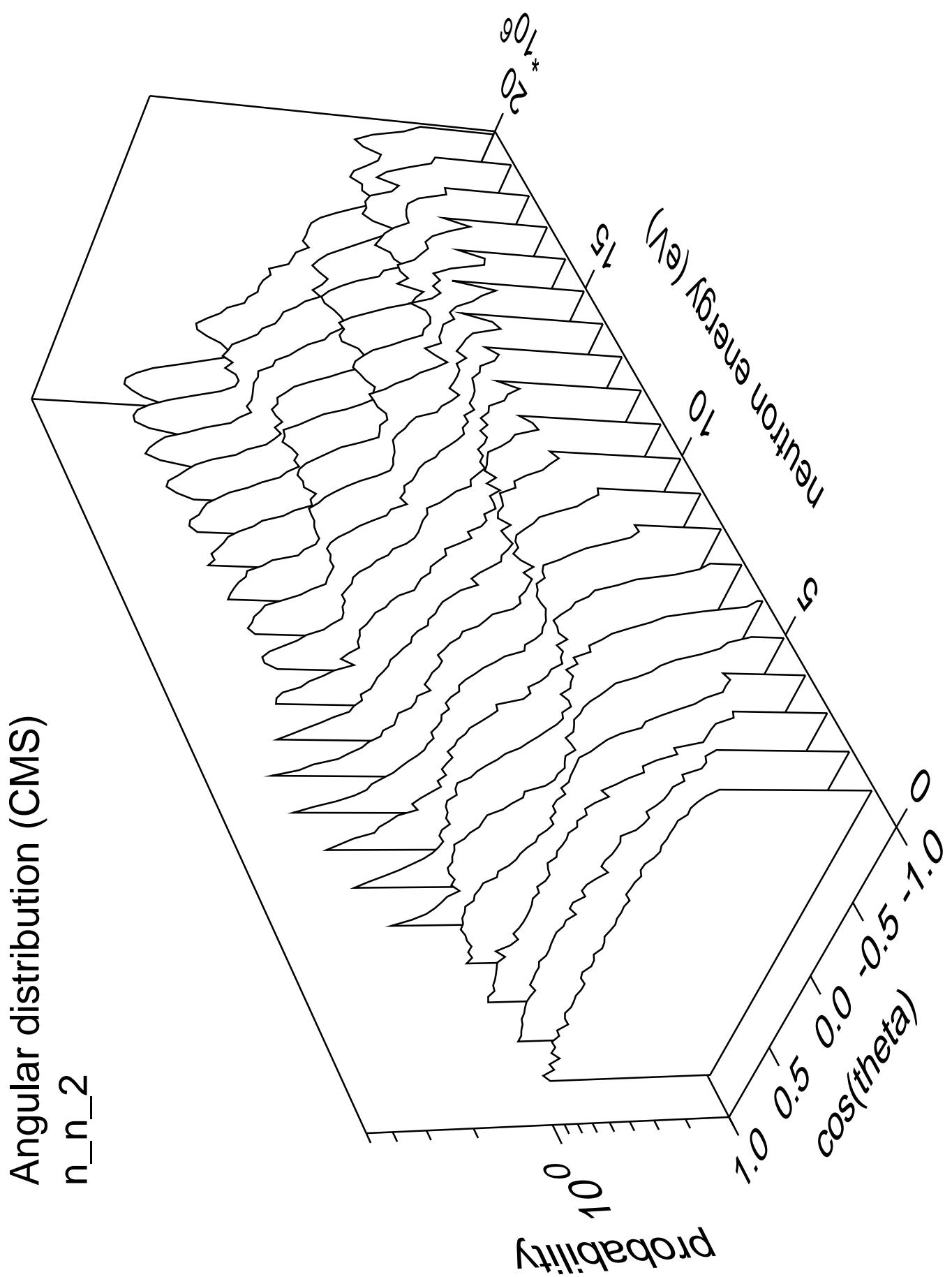


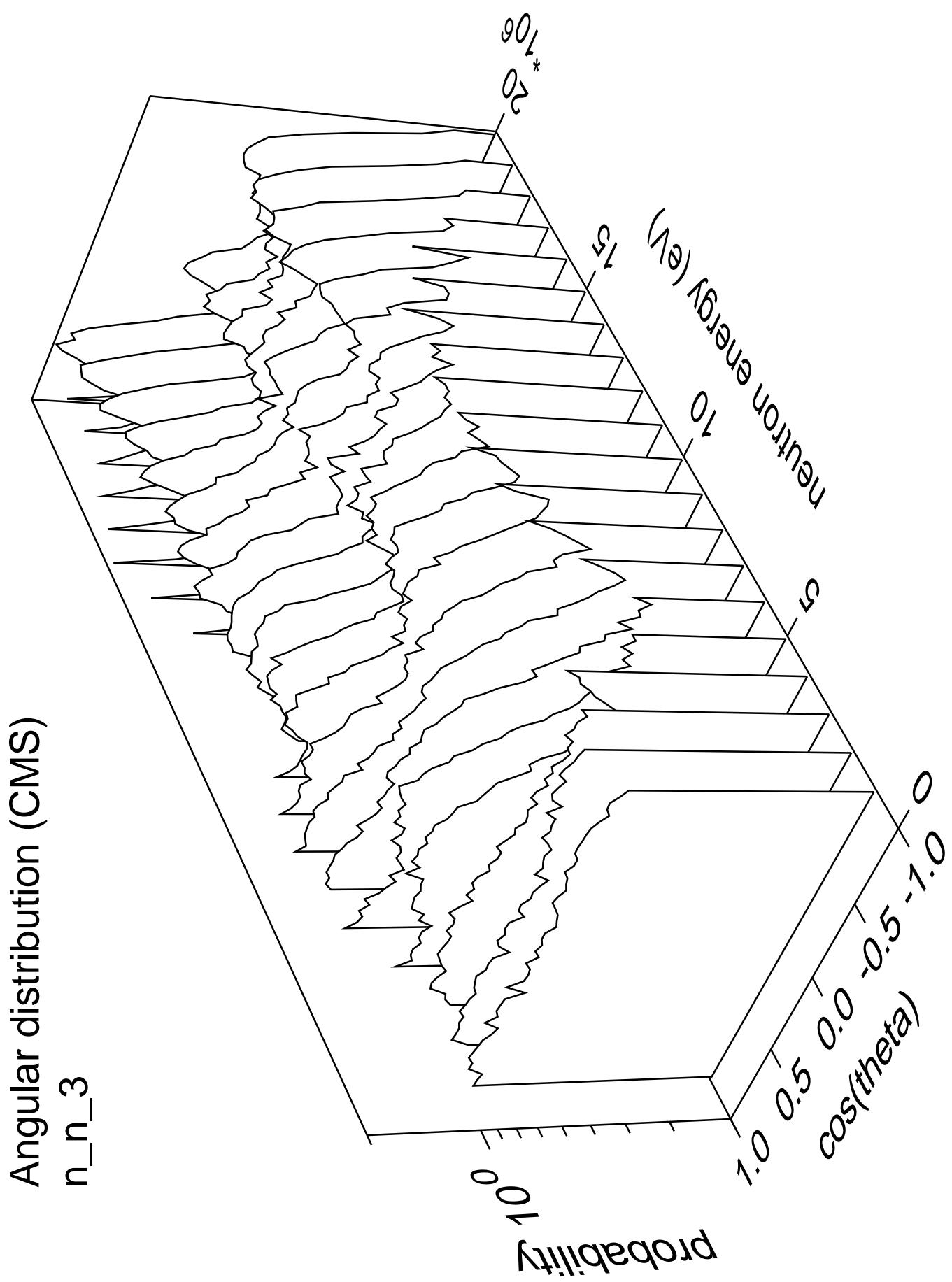


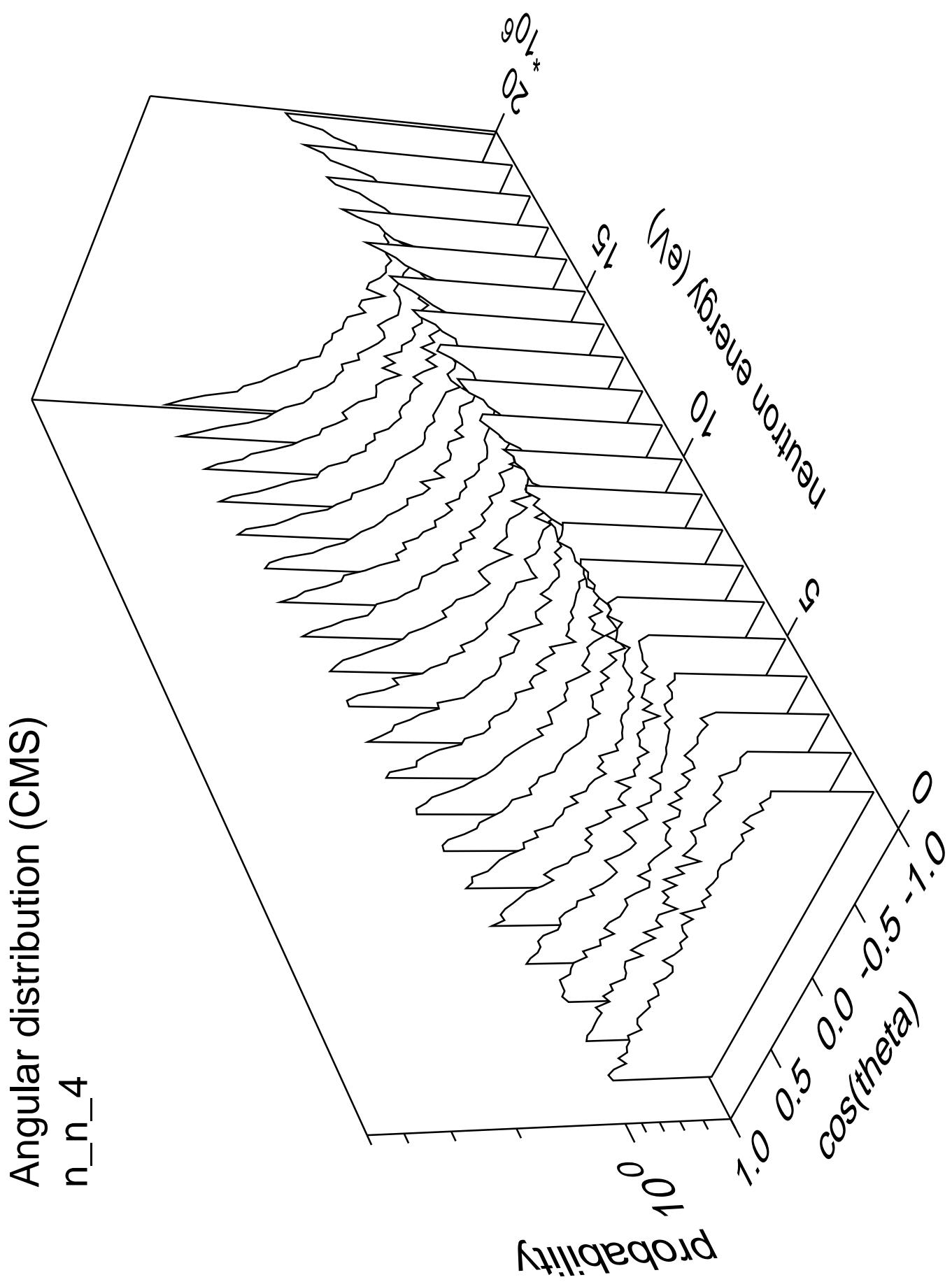


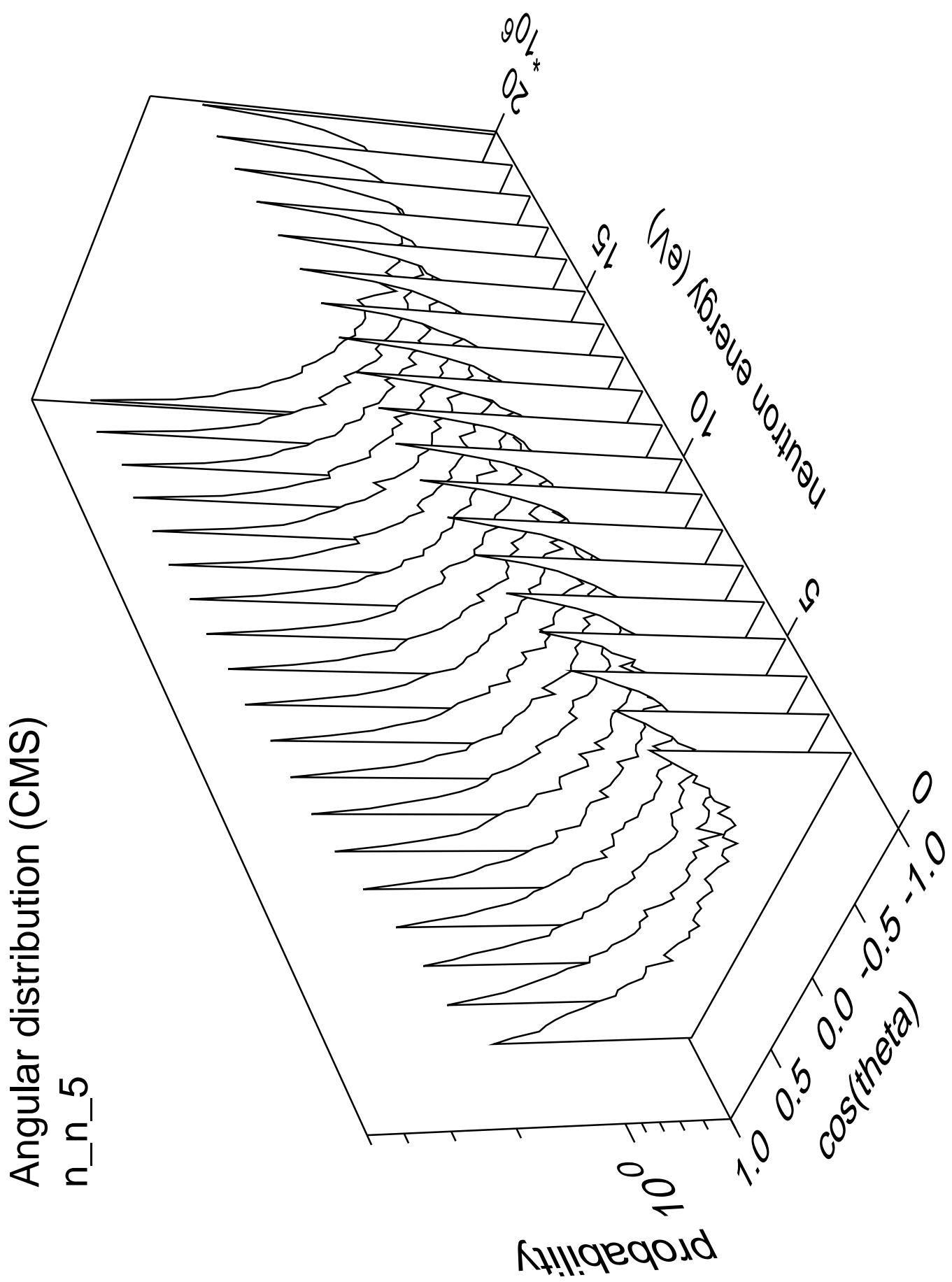


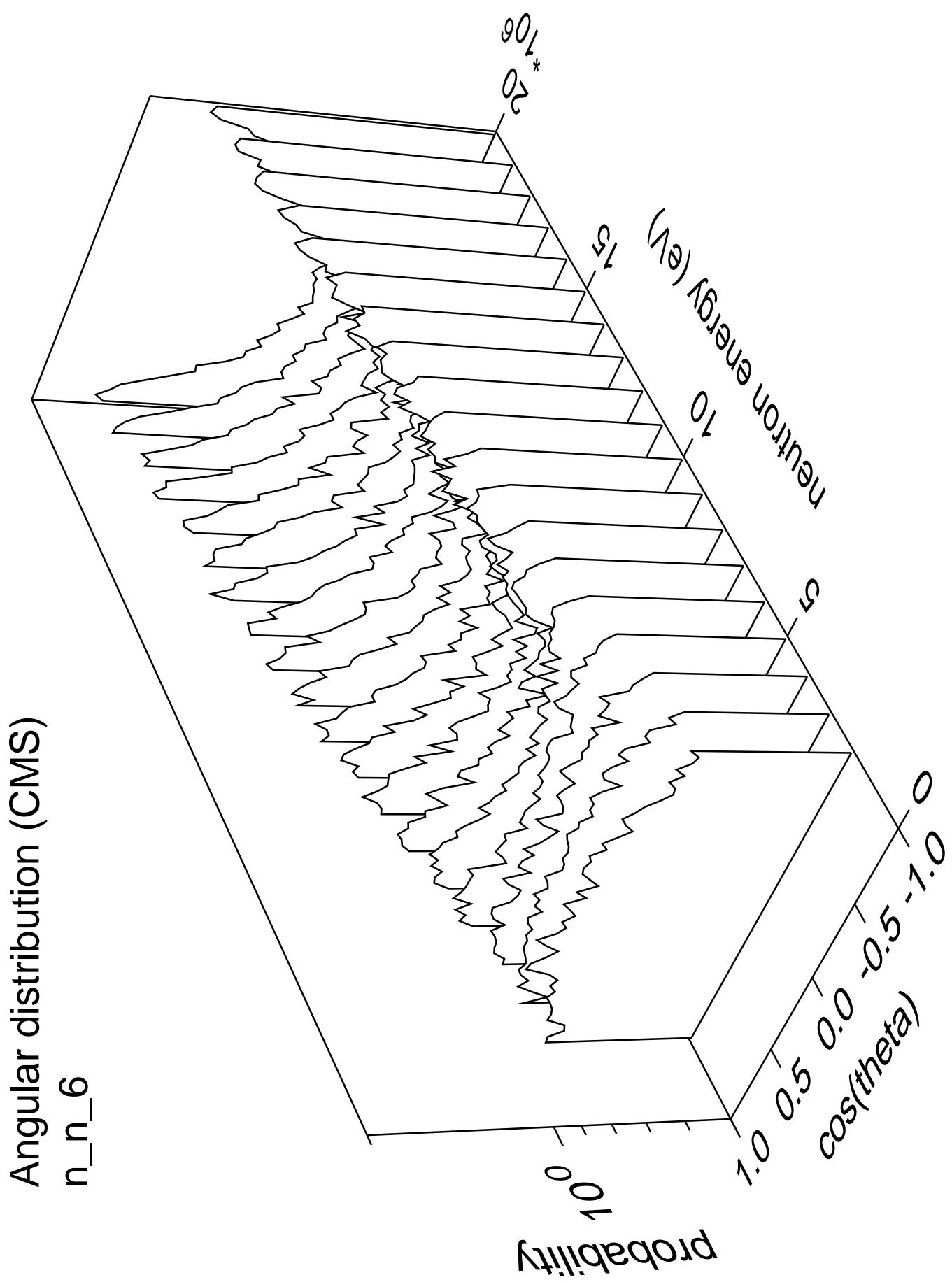


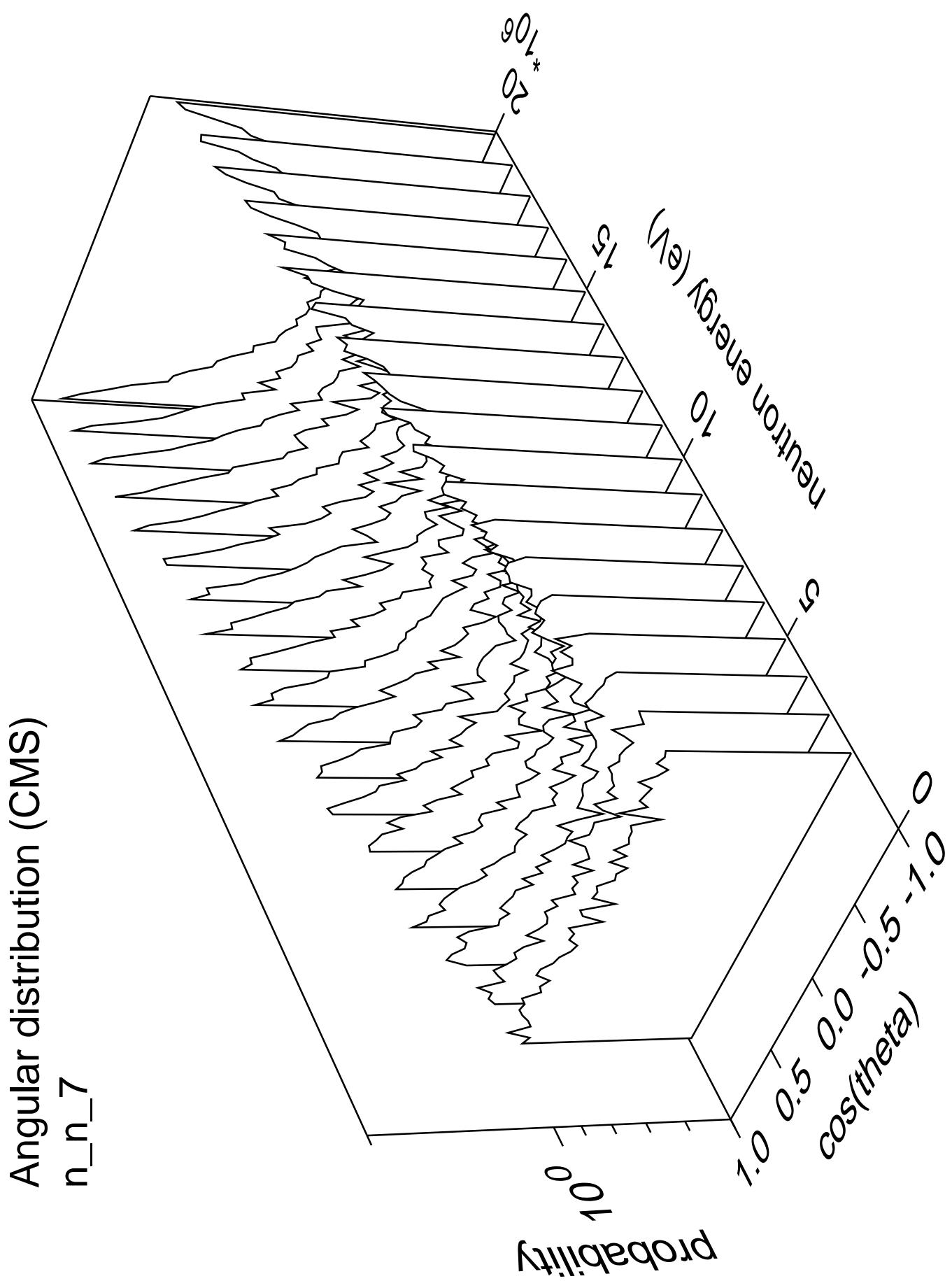


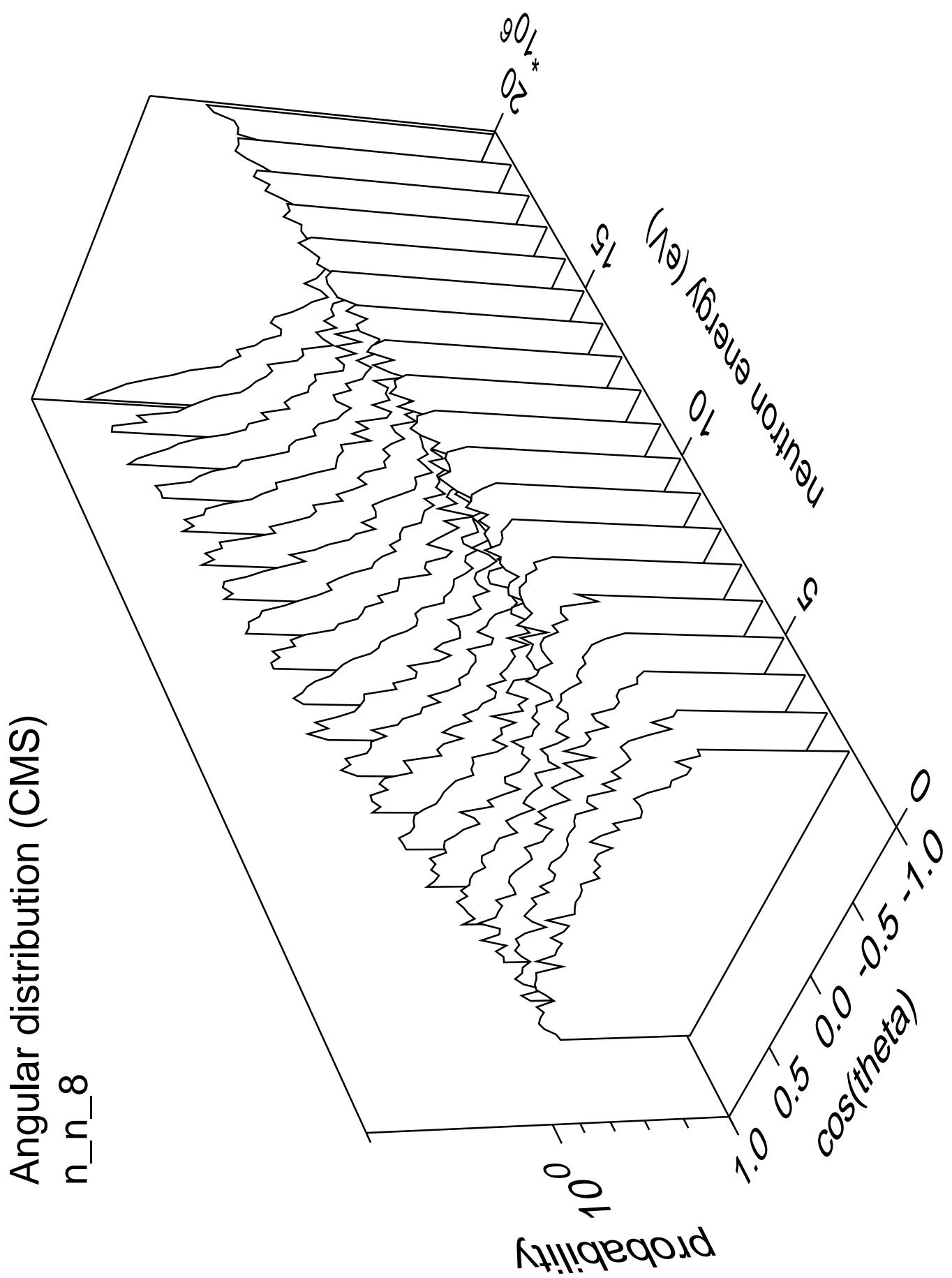


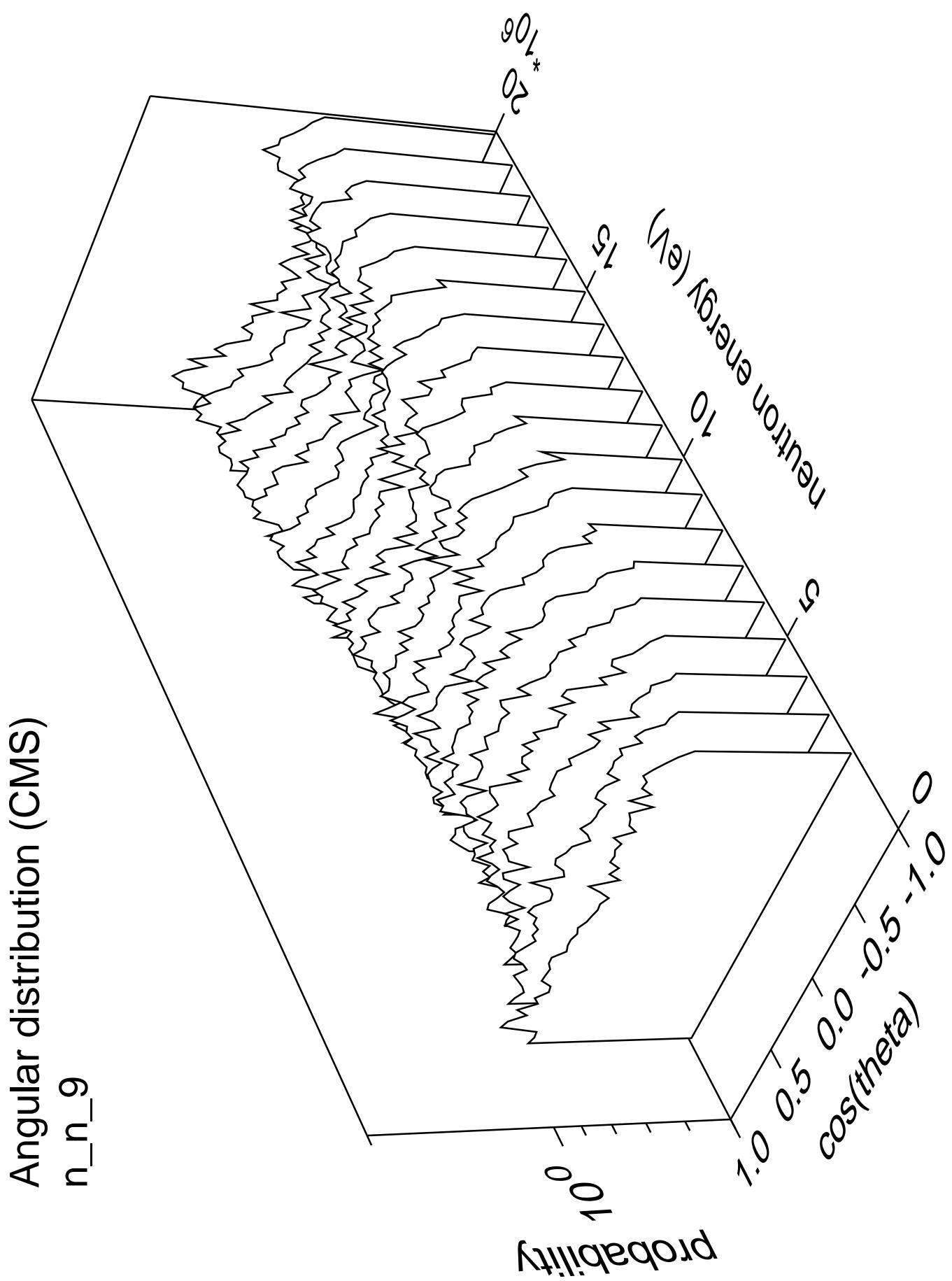


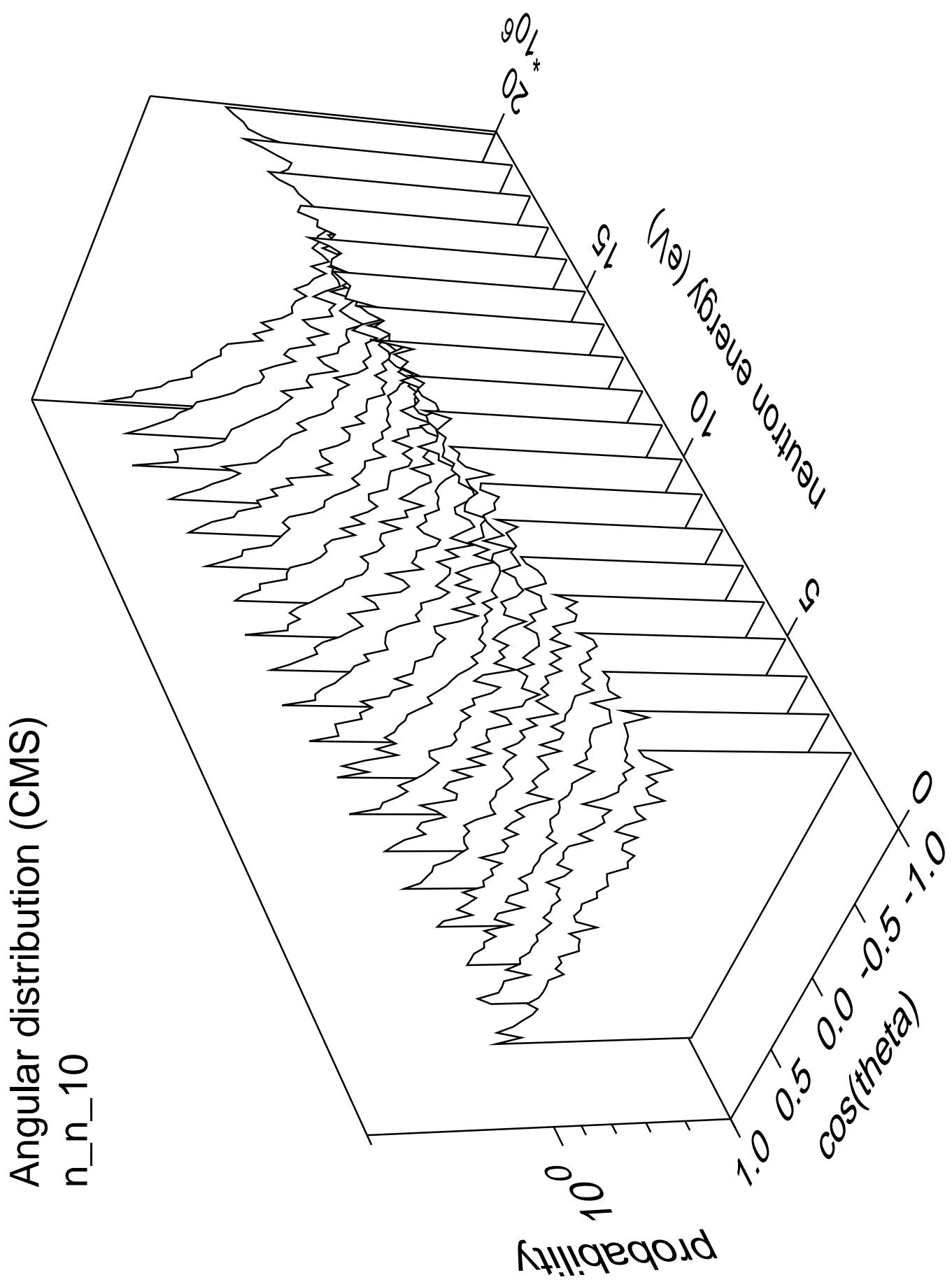


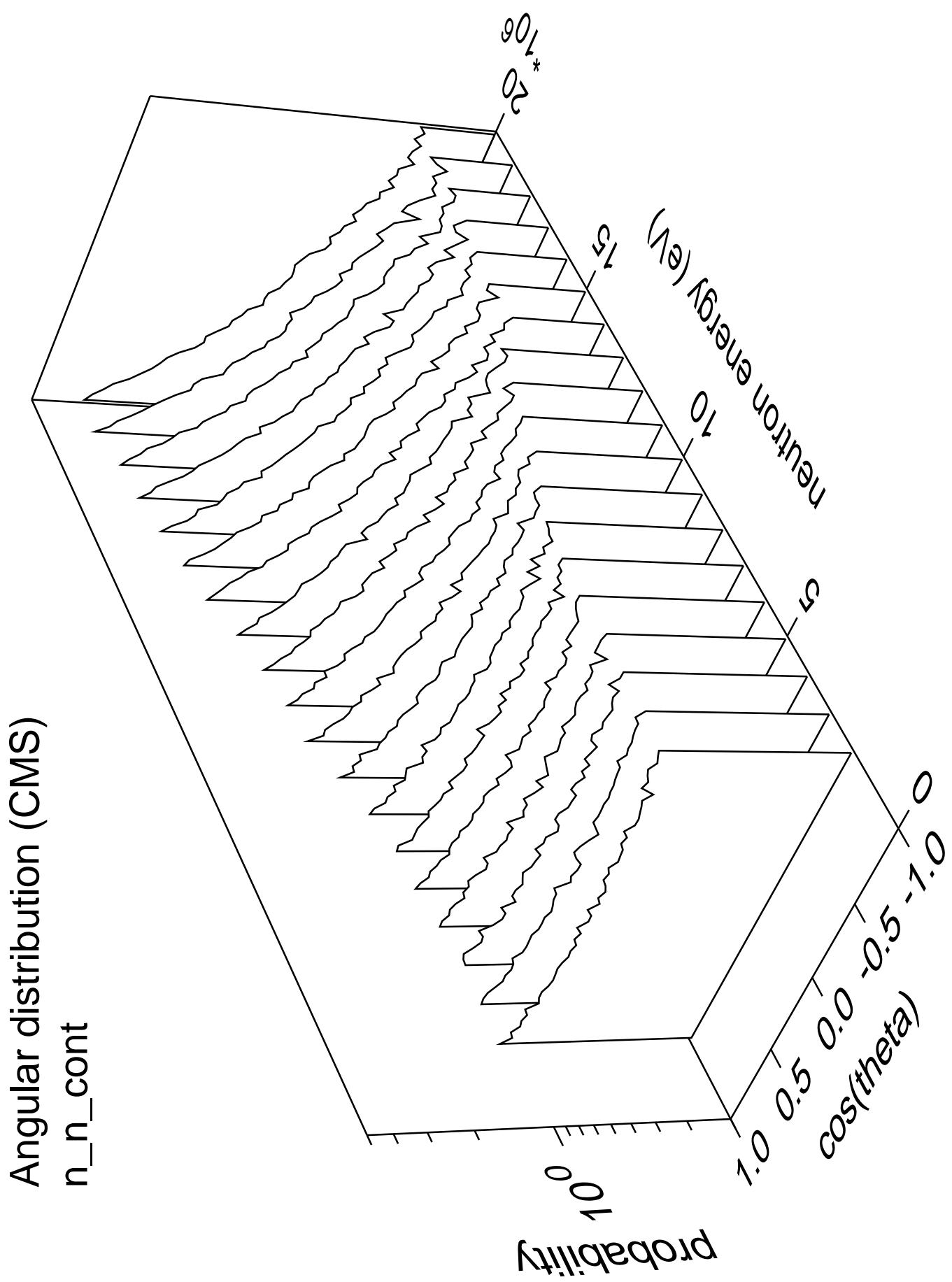


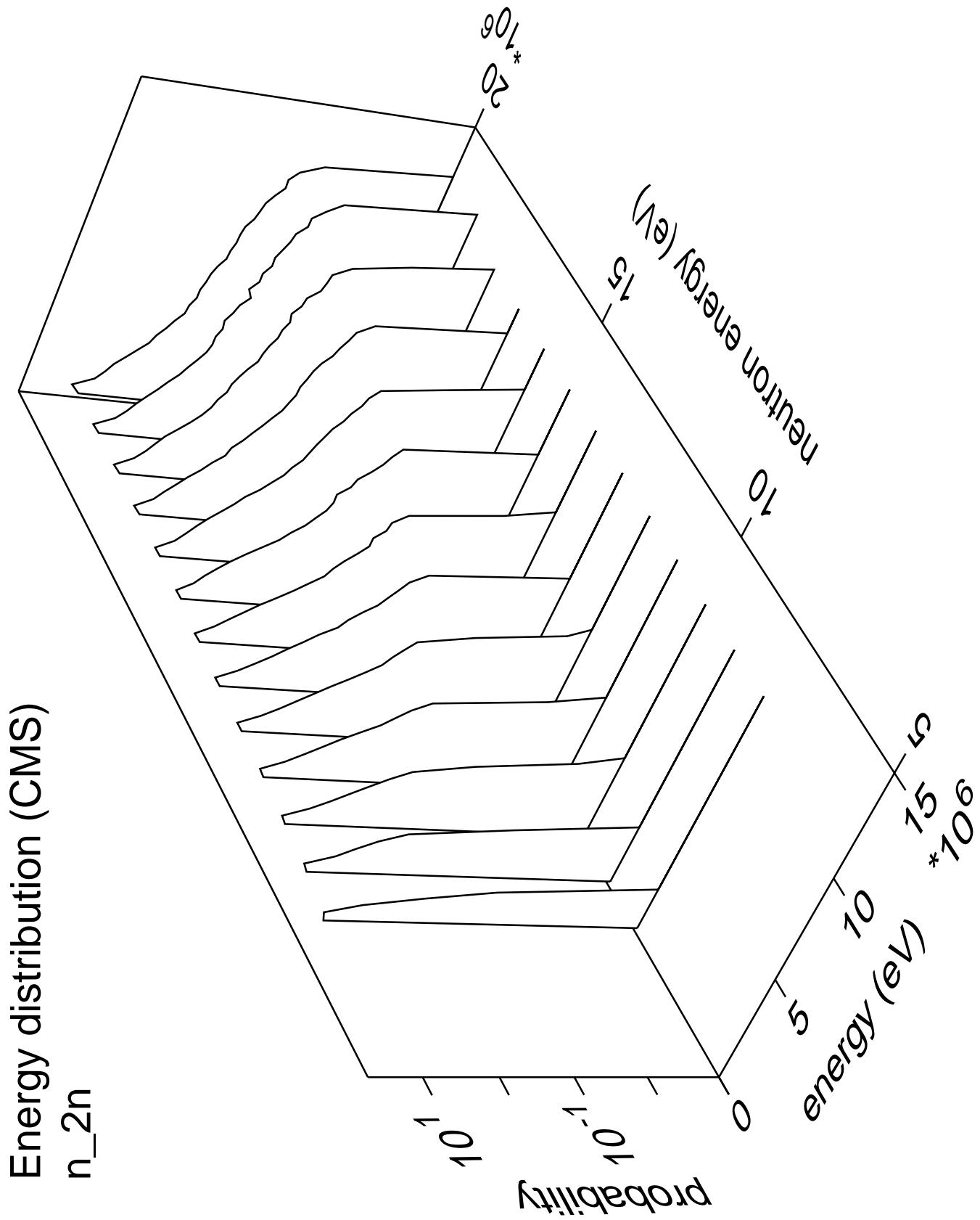


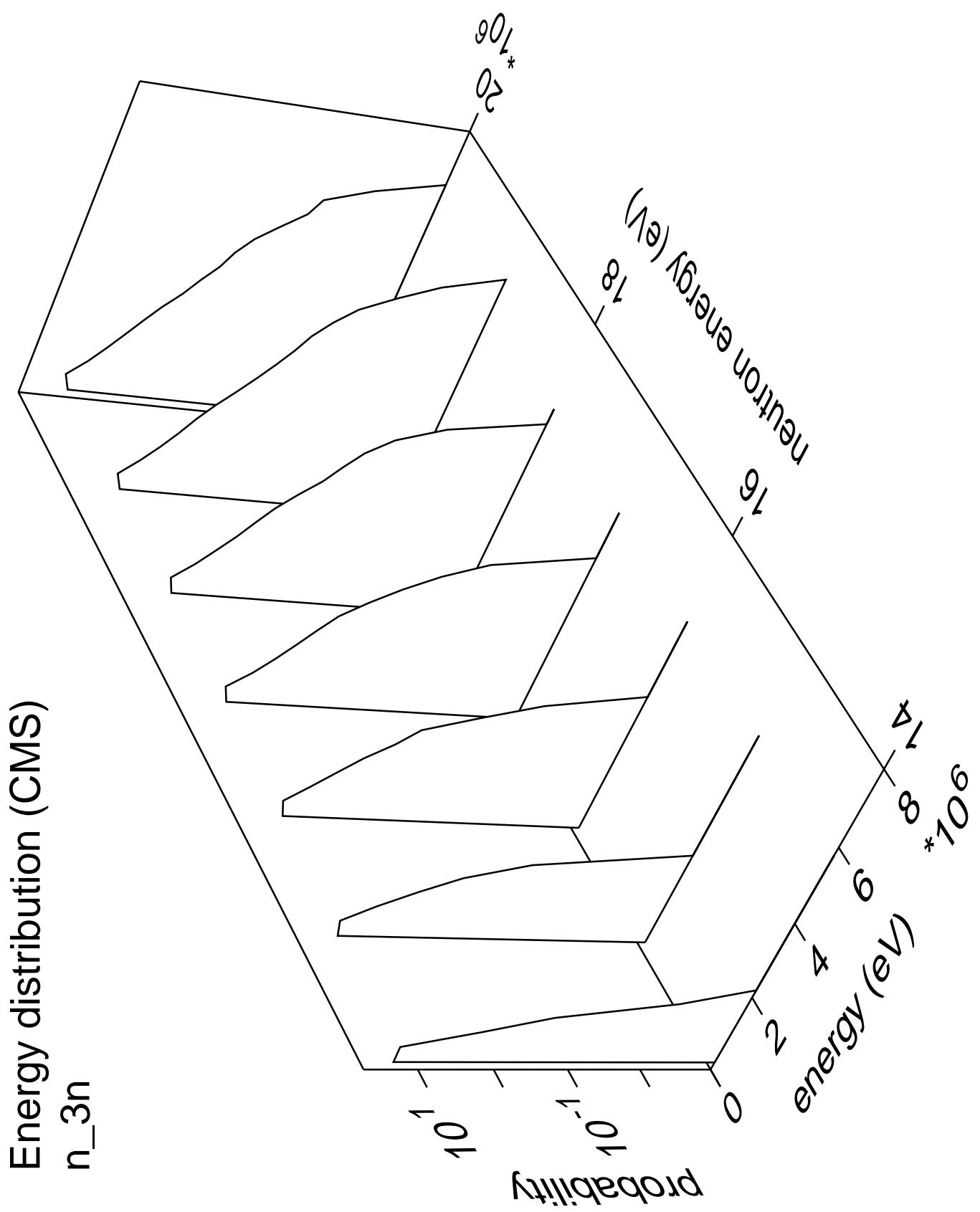


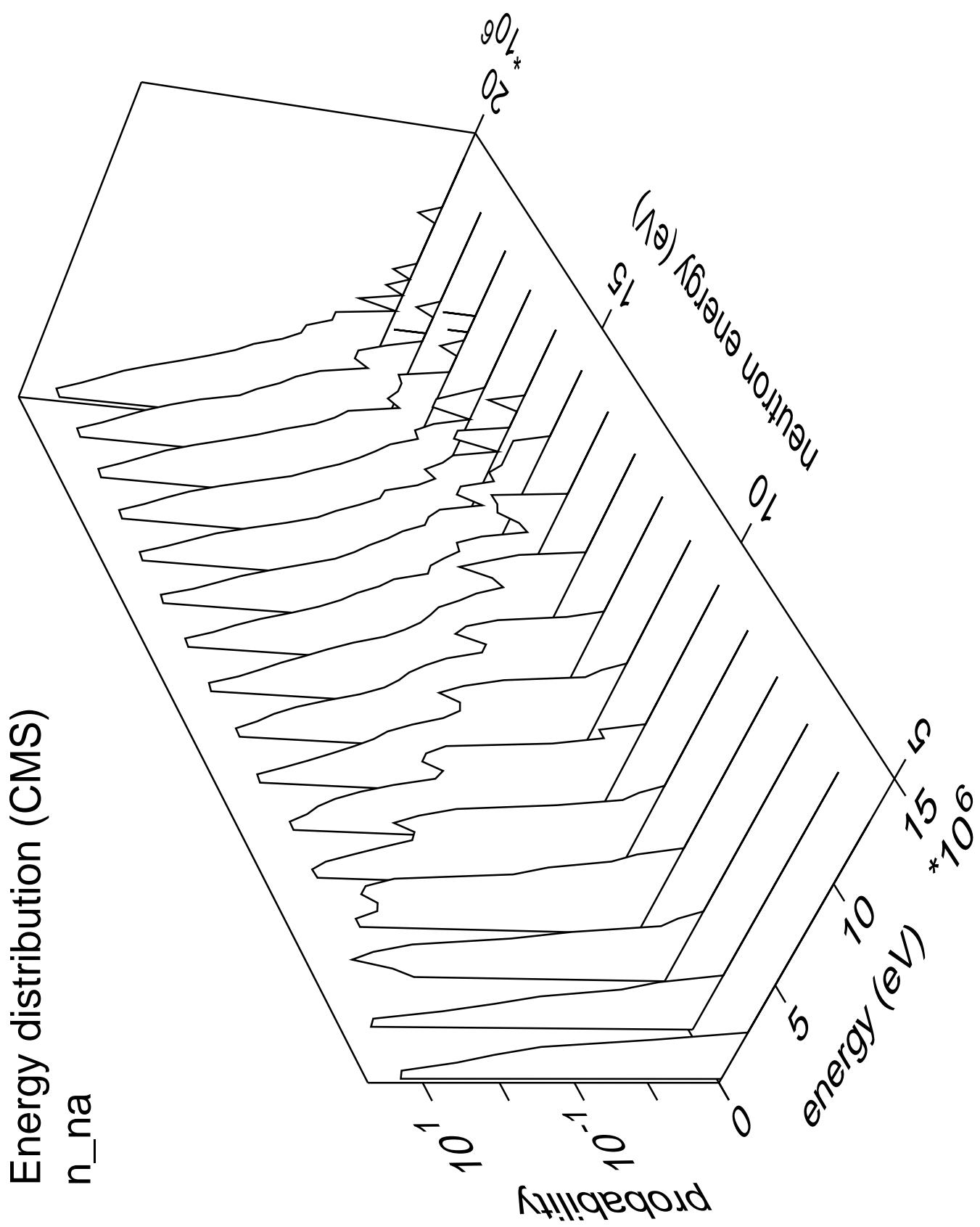


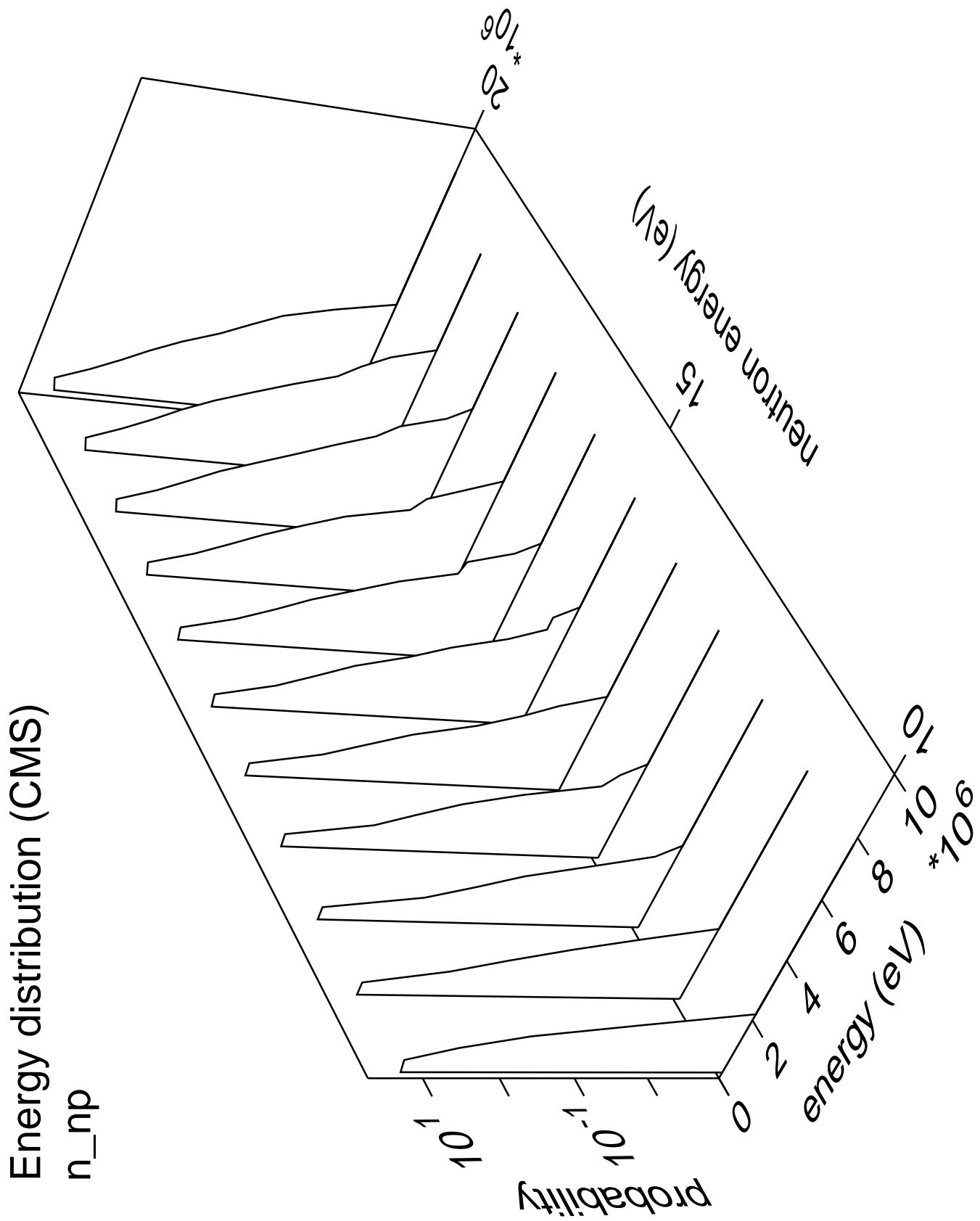


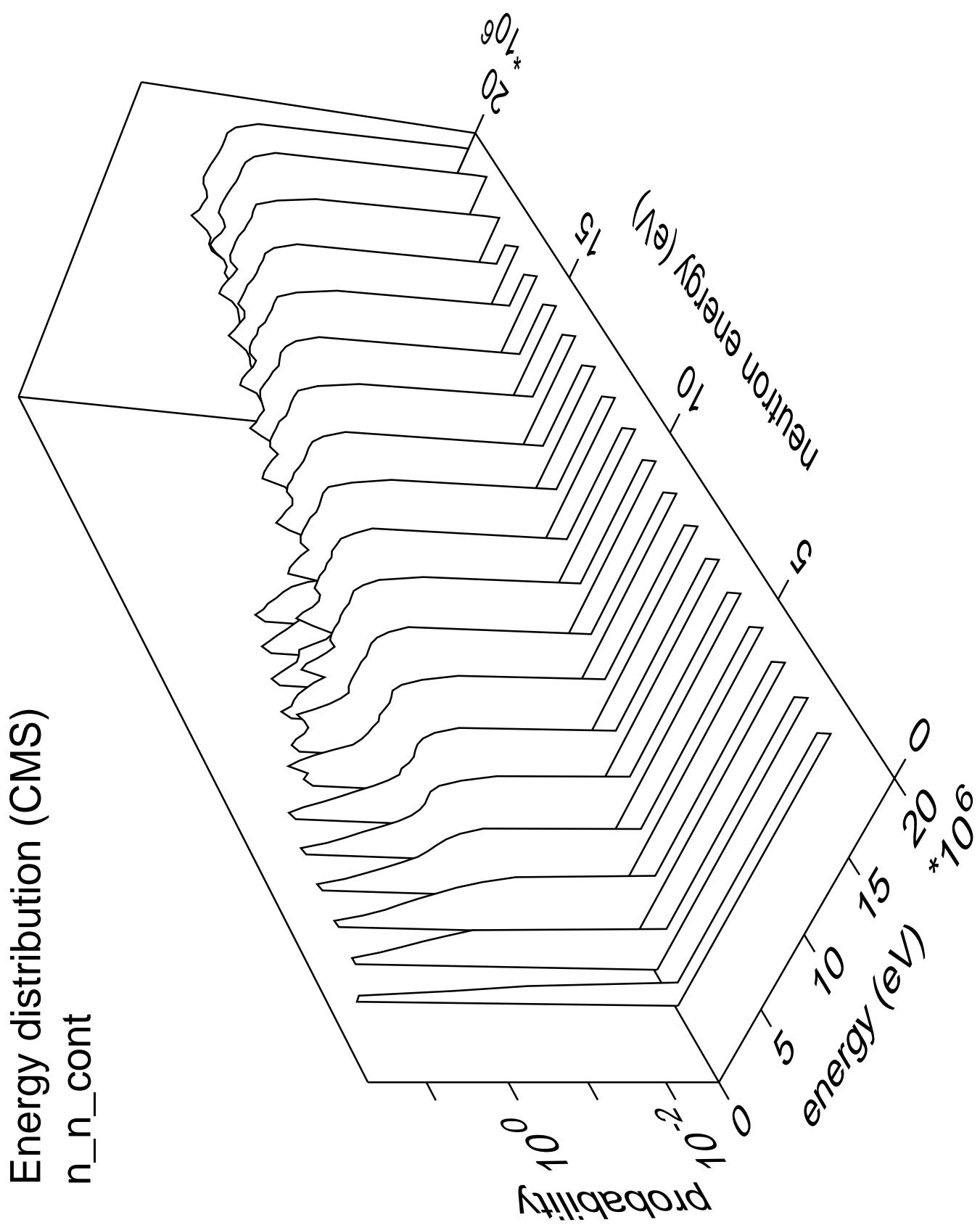




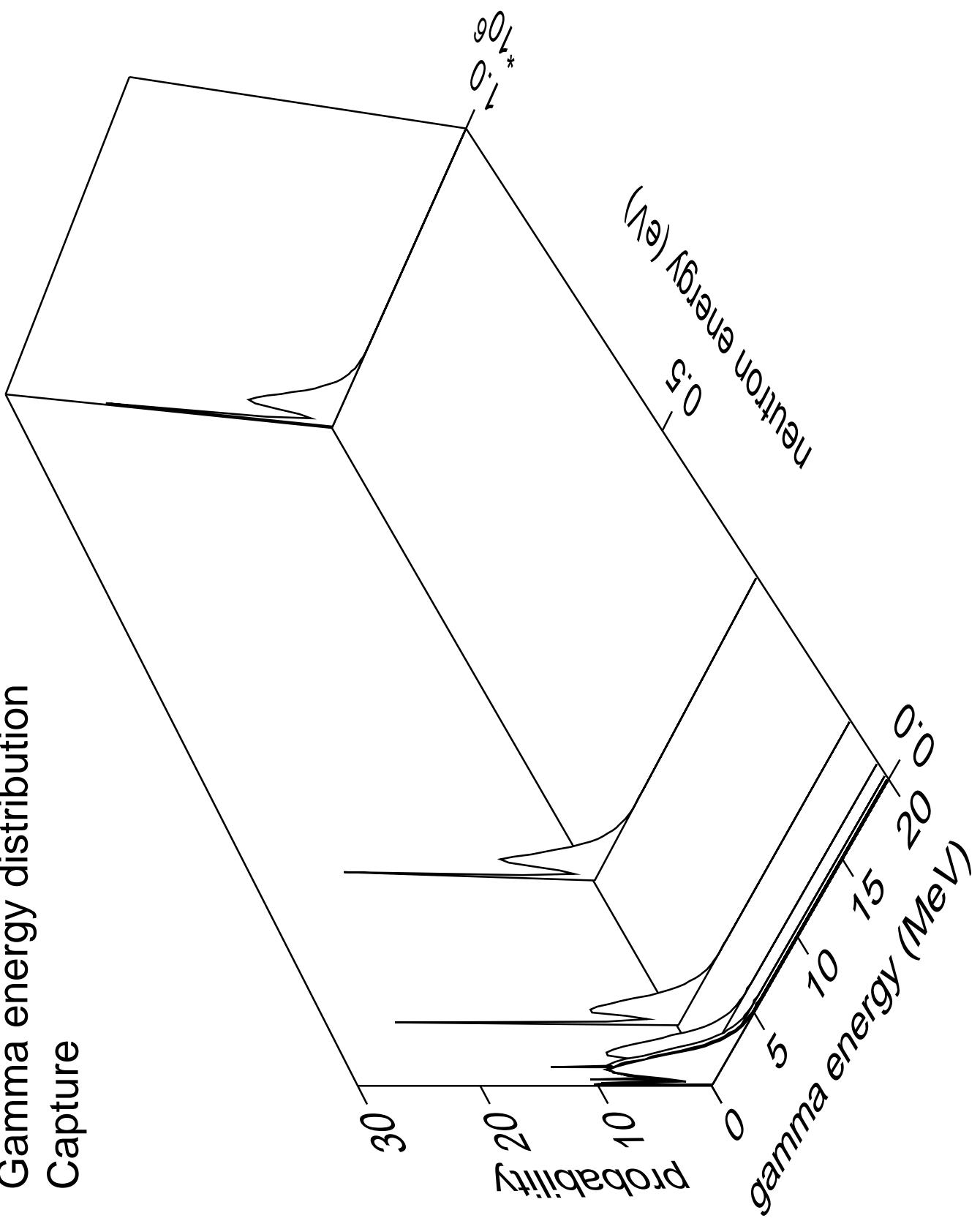




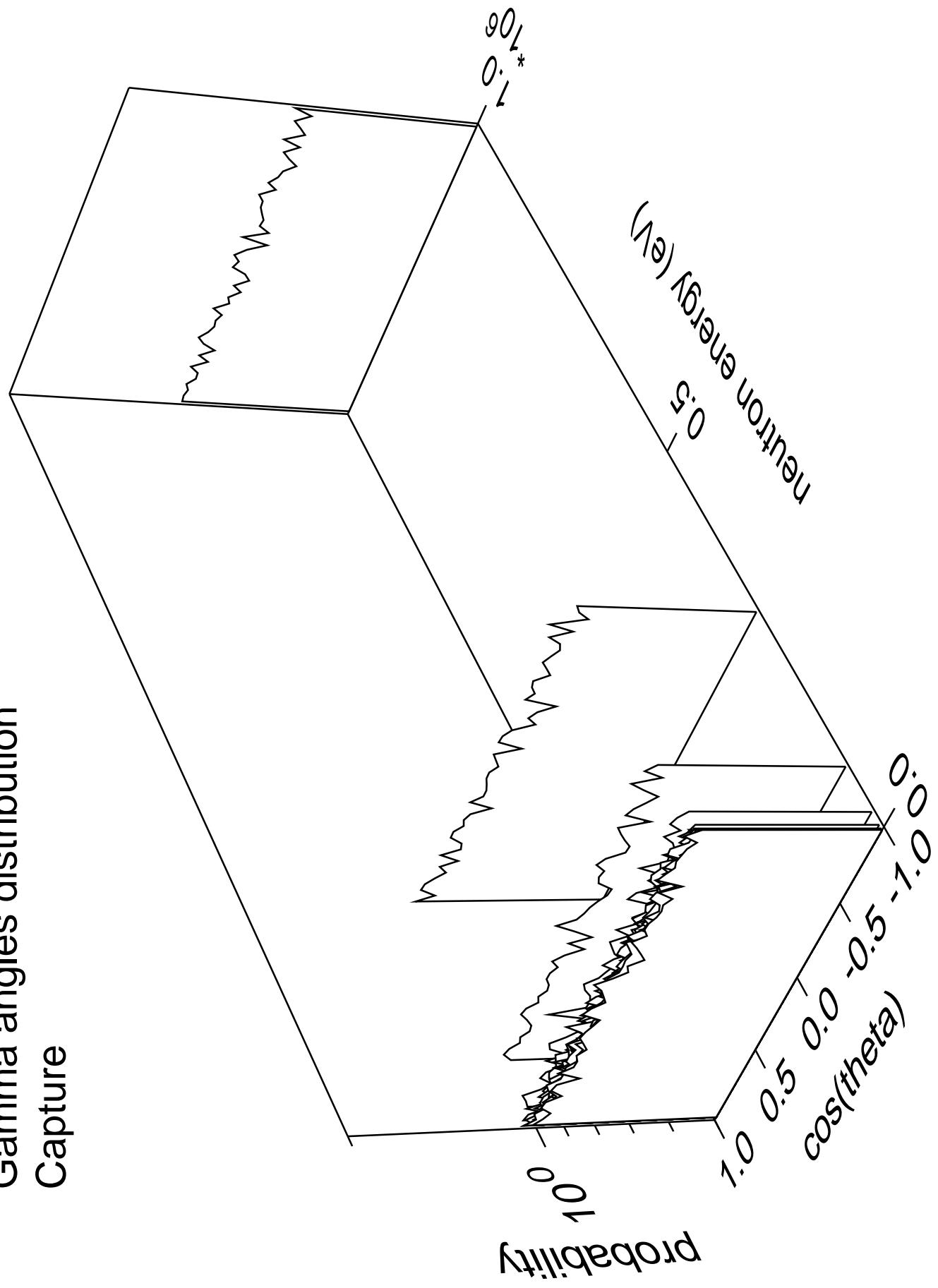




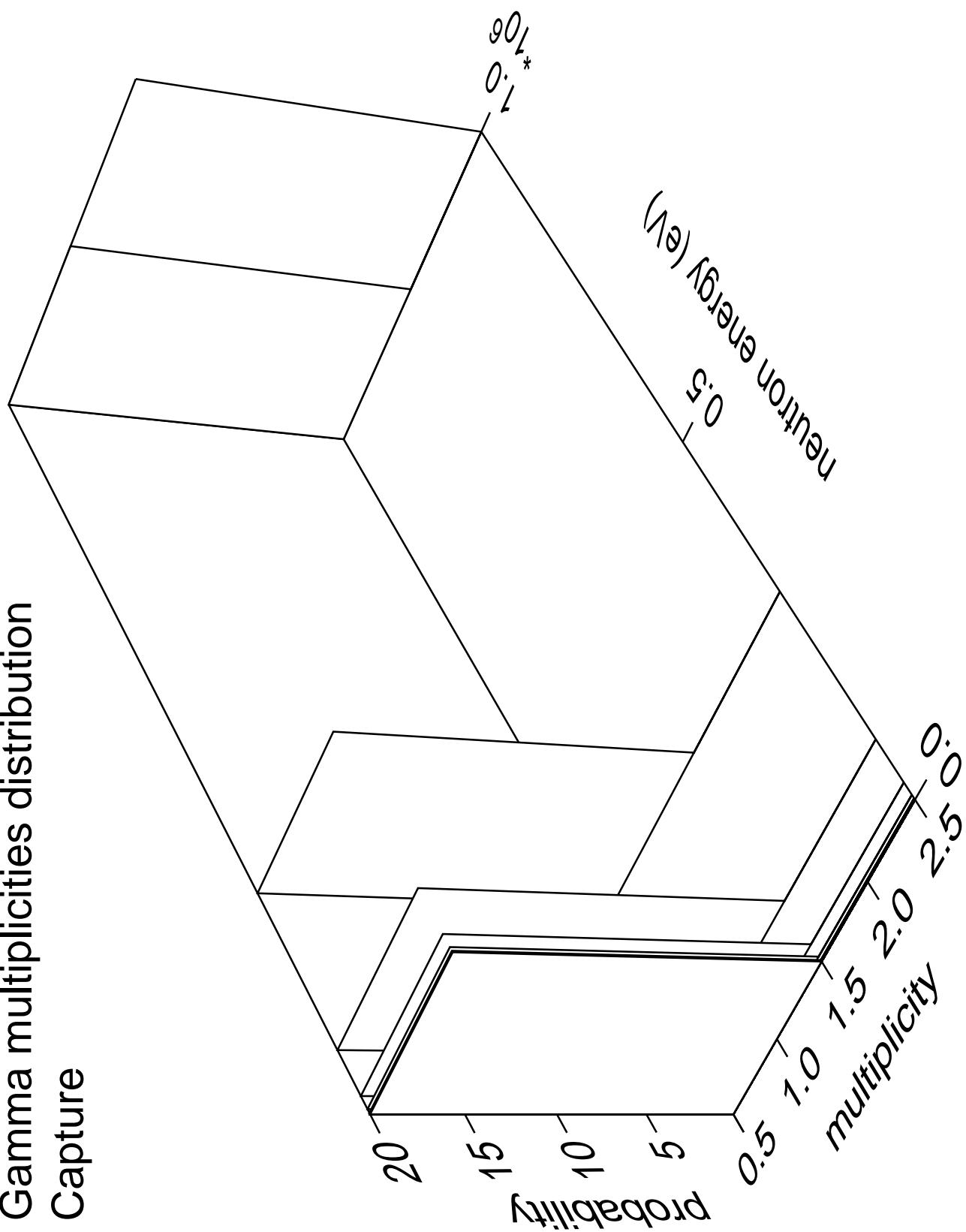
# Gamma energy distribution Capture

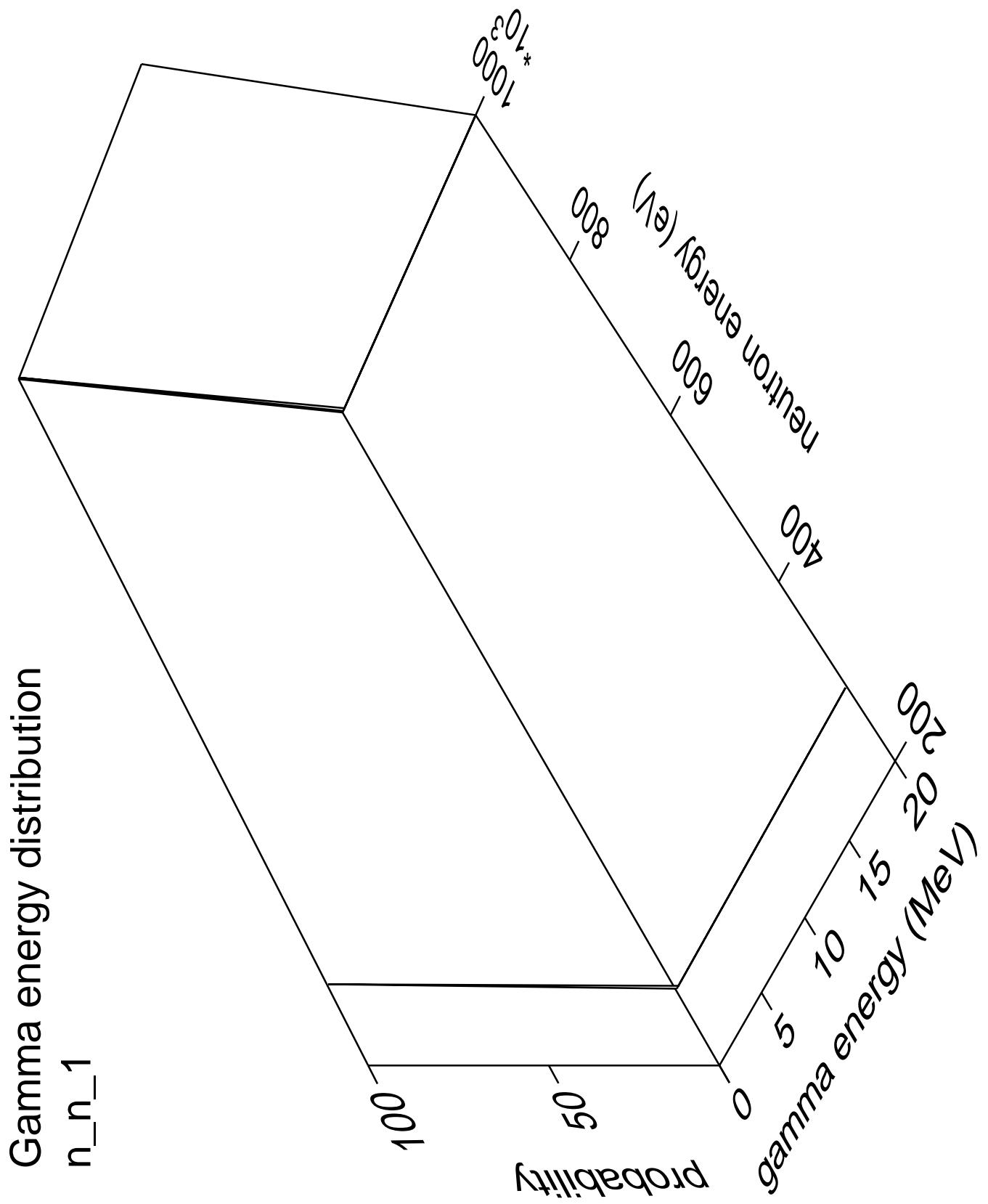


# Gamma angles distribution Capture



# Gamma multiplicities distribution Capture





Gamma angles distribution

$n_{n_1}$

Probability

$10^0$

\*

1.0

0.5

0.0

-0.5

-1.0

$\cos(\theta)$

0.0 -0.5 -1.0

$1000$

$1000$

$800$

$800$

$600$

$600$

$400$

$400$

$200$

$200$

$0$

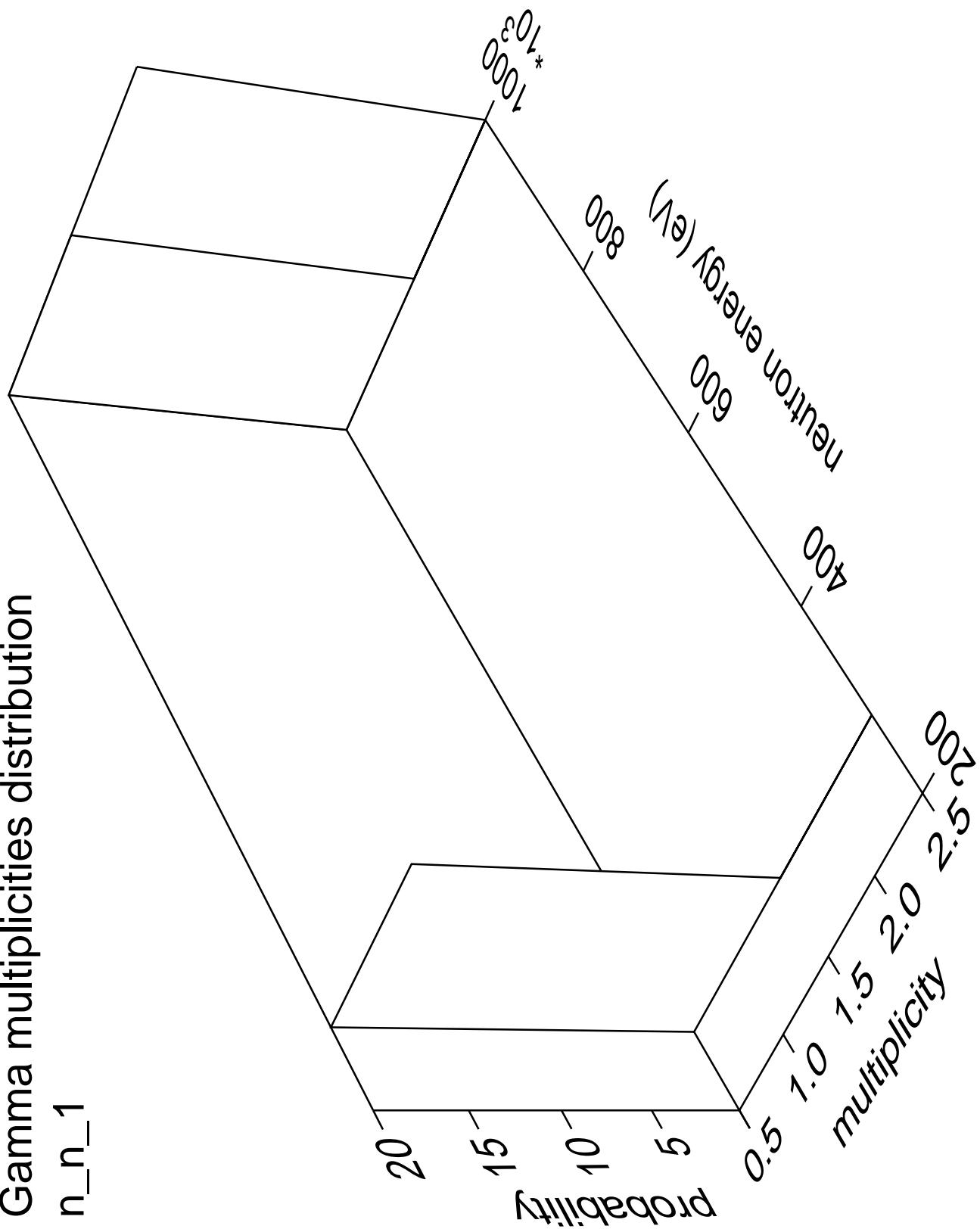
$0$

neutron energy (eV)

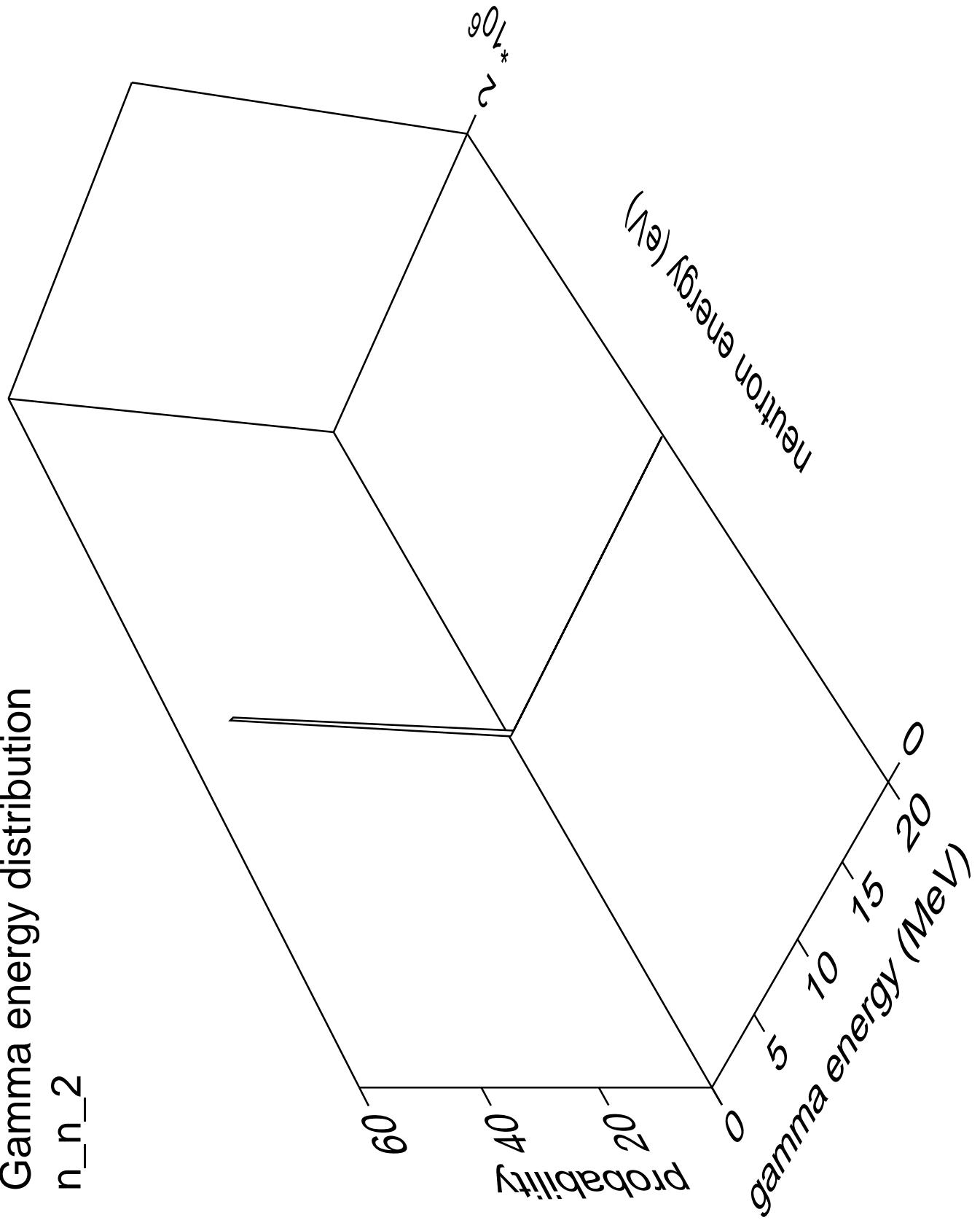
neutron energy (eV)

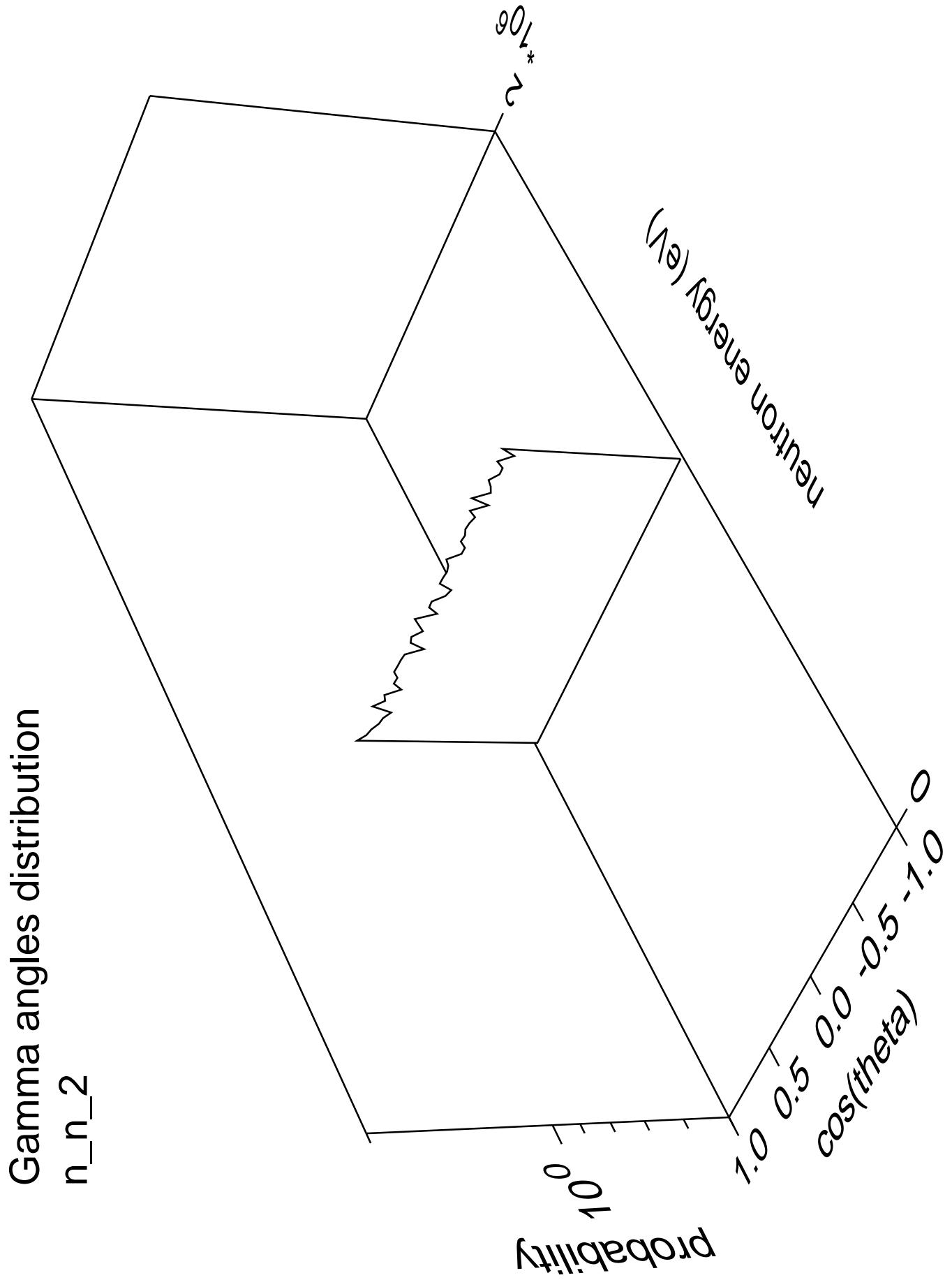
# $n_n_1$

## Gamma multiplicities distribution



## Gamma energy distribution n\_n\_2





Gamma multiplicities distribution

n\_n\_2

8

6

4

2

0

Probability

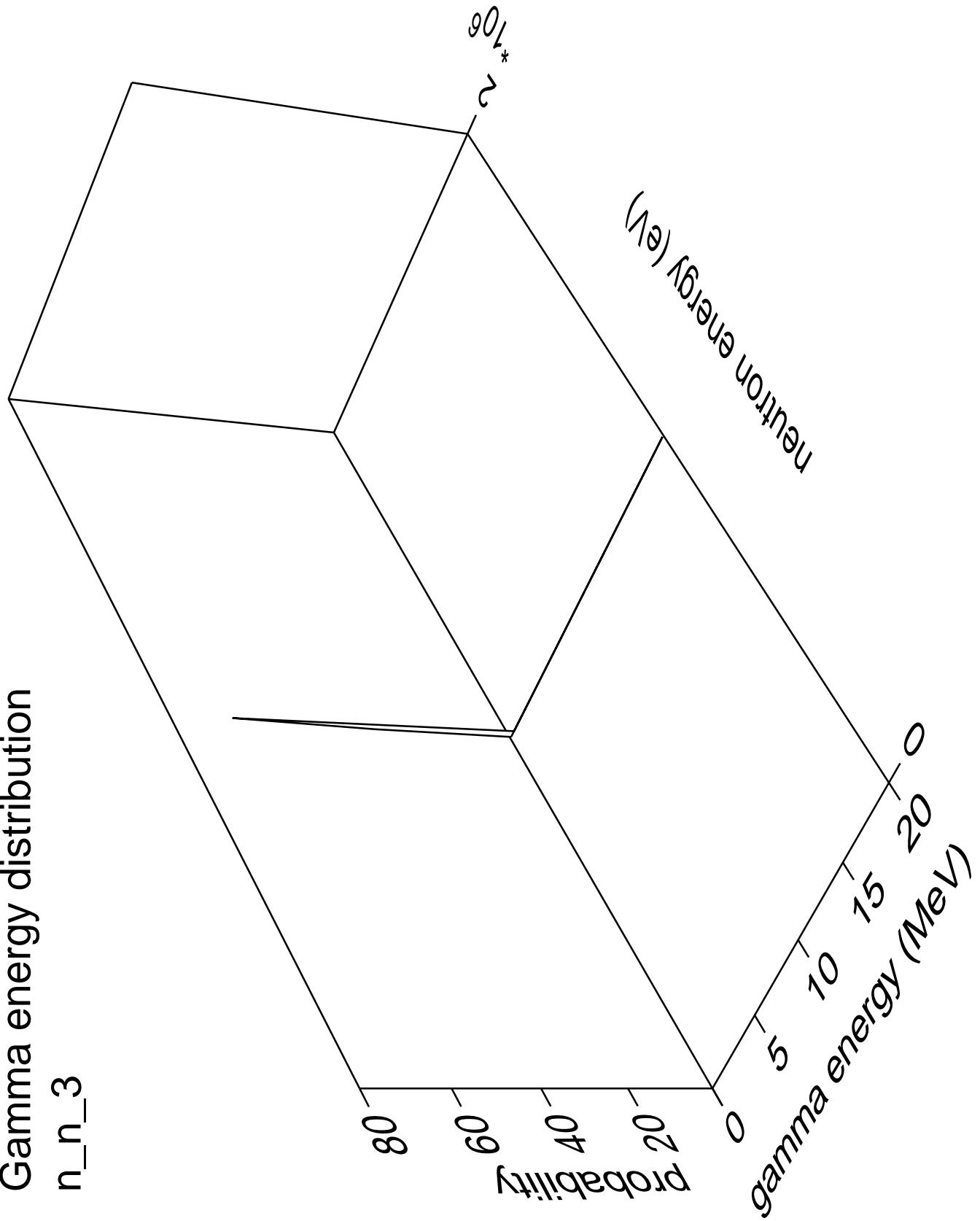
0 5 10 15

multiplicity

Neutron energy (eV)

$\times 10^6$

# Gamma energy distribution n\_n\_3



Gamma angles distribution

n\_n\_3

Probability

$10^0$

$\sim 10^6$

$\sim$

$\sim 10^6$

\*

Neutron energy (eV)

cos(theta)

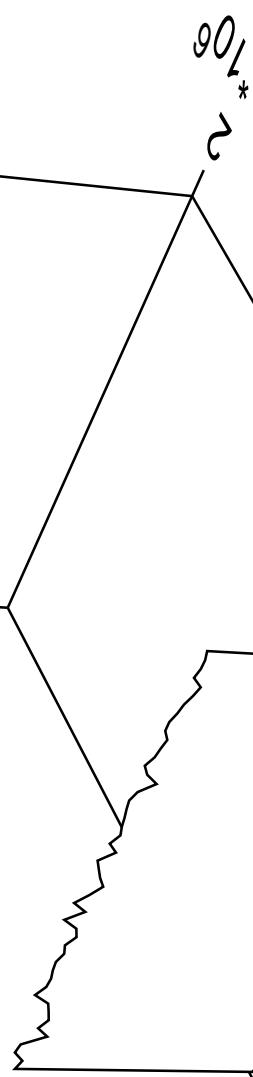
1.0

0.5

0.0

-0.5

-1.0



# Gamma multiplicities distribution

$n_n_3$

6

4

2

0

Probability

5

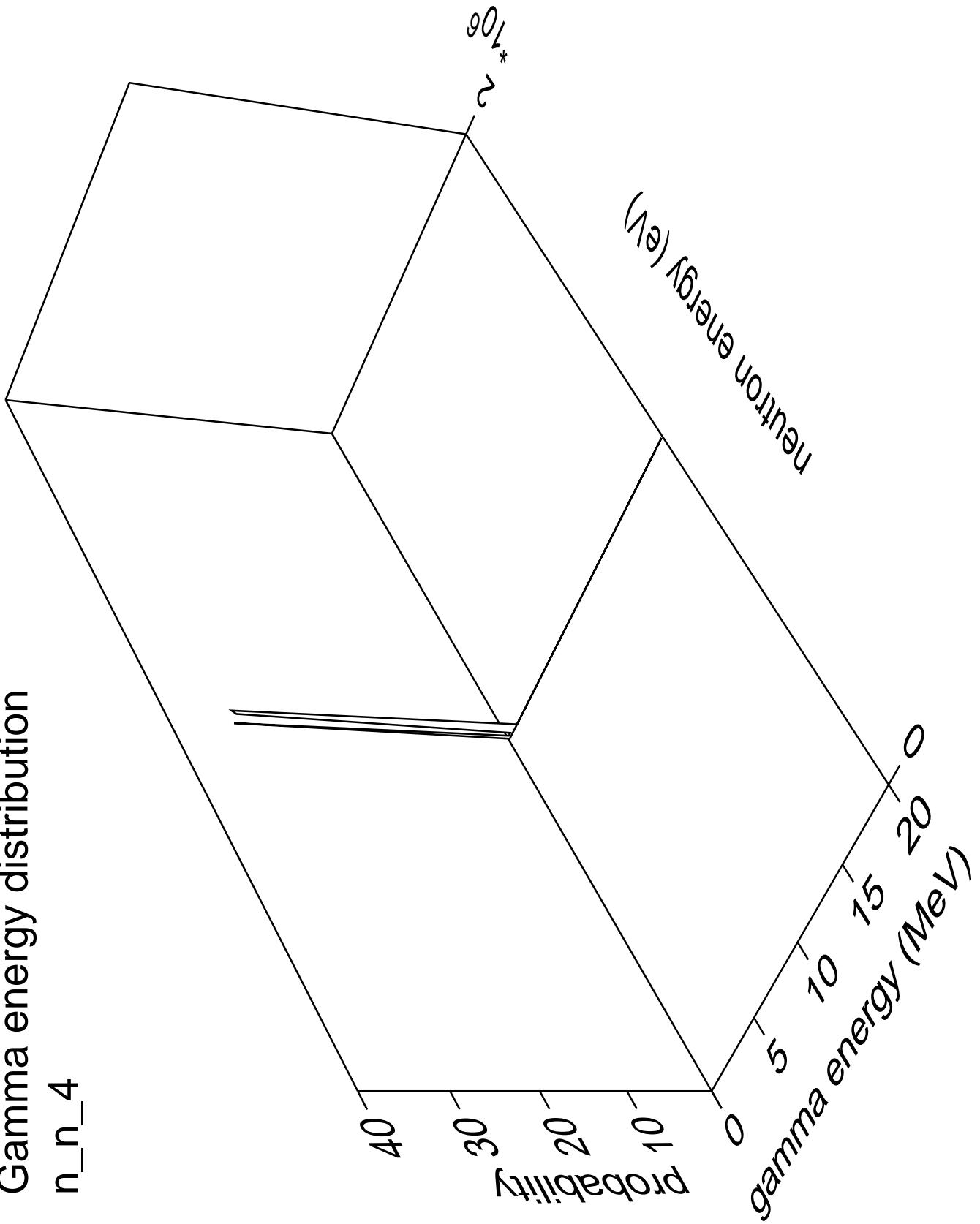
10  
multiplicity

15

Neutron energy (eV)

$\sim 10^6$

# Gamma energy distribution n\_n\_4



Gamma angles distribution

n\_n\_4

Probability

$10^0$

$10^6$

$\sim$

\*

$\cos(\theta)$

1.0

0.5

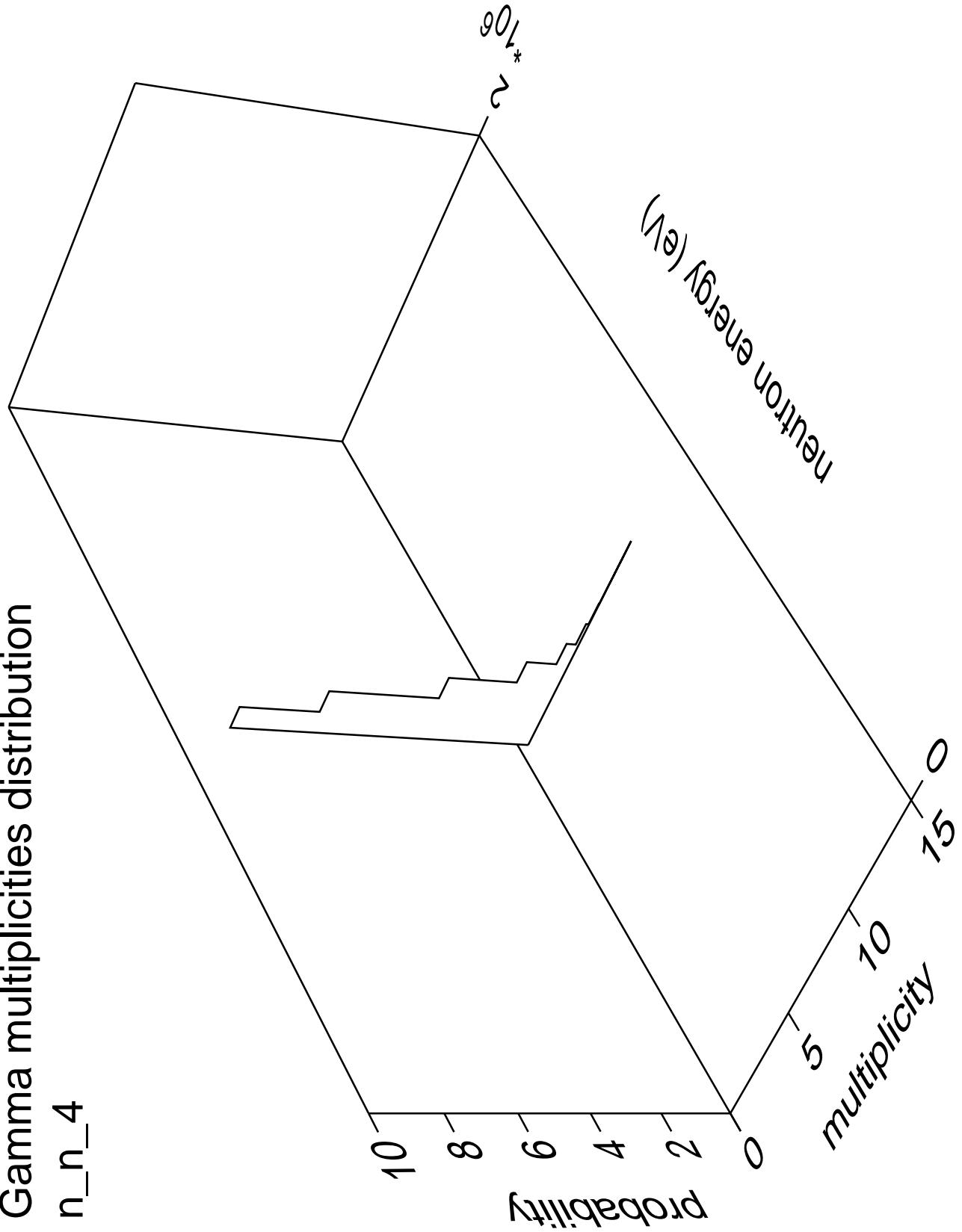
0.0

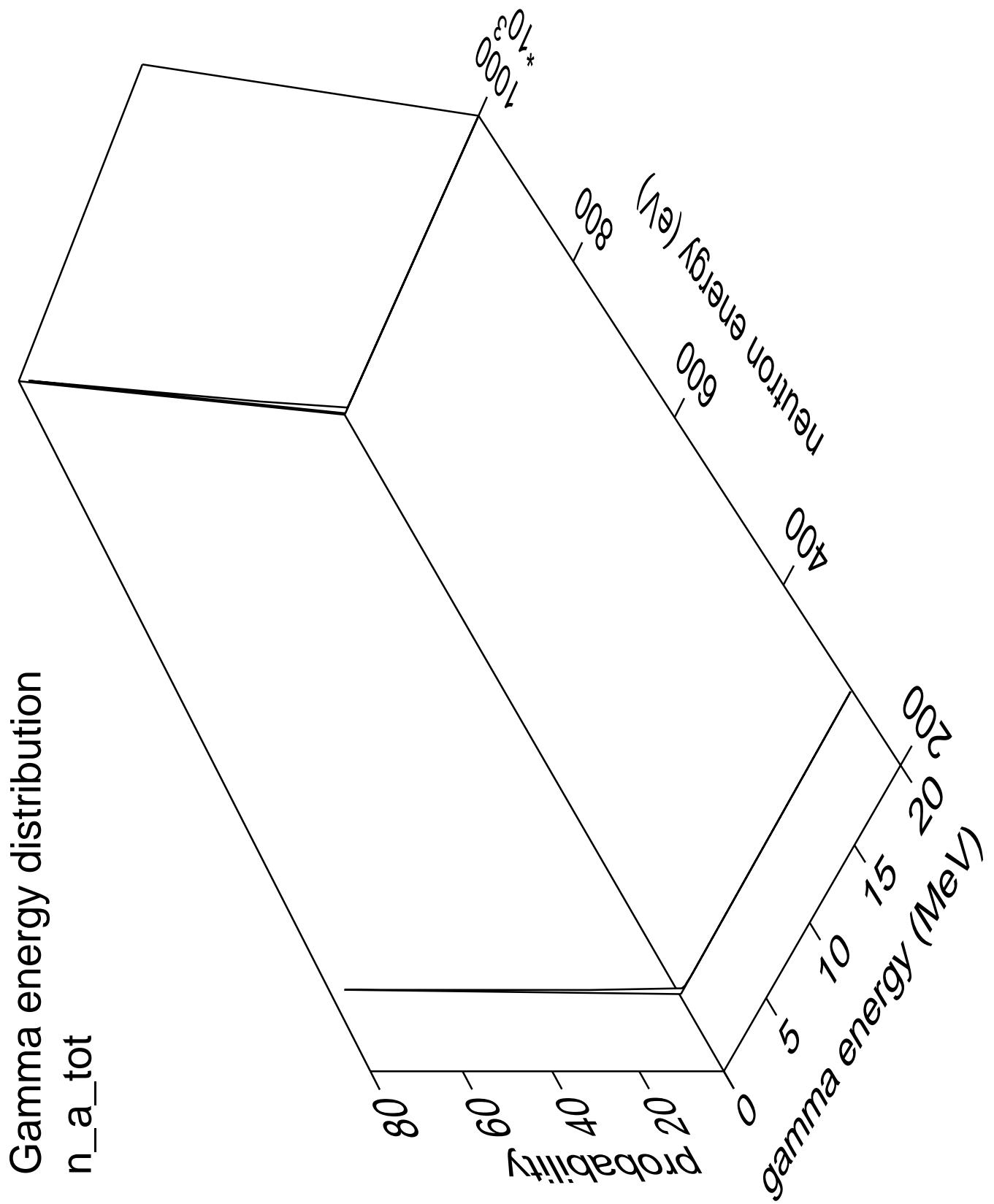
-0.5

-1.0

neutron energy (eV)

# Gamma multiplicities distribution n\_n\_4





Gamma angles distribution

$n_a_{tot}$

Probability

$10^0$

\*

1.0

0.5

0.0

-0.5

-1.0

$\cos(\theta)$

0.0 -1.0

0.5 -0.5

1.0 0.0

neutron energy (eV)

1000  
1000\*

800

600

400

200

100

Gamma multiplicities distribution  
 $n_a_{tot}$

